



P.O. BOX 467 GOLDEN, COLORADO 80402

November 28, 1988

State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

RECEIVED
DEC 02 1988

DIVISION OF
OIL, GAS & MINING

Attn: Lisha Romero

Dear Ms. Romero:

Attached for your approval are two complete sets and one partial set (consisting of the APD form, a plat, and the Multipoint) of the Application for Permit to Drill the following well:

Ute Tribal 10-16D
Section 16, T4S-R4W, SW/4/SE/4
Duchesne County, Utah

Exhibit "I", a Threatened and Endangered Species Study, and Exhibit "O", Lease Agreement with the Surface Owner, will be sent under separate cover and at a later date.

Please let us know if you find you will be in need of any further information or have any questions regarding this Application.

Thank you for your consideration.

Very truly yours,

Larry Campbell
Director
Energy Operations

LC:jf
Attachments



November 28, 1988

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Attn: Mr. Craig Hansen.

Dear Mr. Hansen:

Attached for your information are three copies of the Application for Permit to Drill the following well:

Ute Tribal 10-16D
Section 16, T4S-R4W, SW/4/SE/4
Duchesne County, Utah

Exhibit "I", a Threatened and Endangered Species Study, and Exhibit "O", Lease Agreement with the Surface Owner, will be sent under separate cover and at a later date.

Please let us know if you find you will be in need of any further information or have any questions regarding this Application.

Thank you for your consideration.

Very truly yours,

Larry Campbell
Director
Energy Operations

LC:jf
Attachments



November 28, 1988

Ute Tribal Headquarters
Energy Minerals
PO Box 190
Fort Duchesne, Utah 84026

Attn: Mr. Jason Cuch

Dear Mr. Cuch:

Attached for your information is one copy of the Application for Permit to Drill the following well:

Ute Tribal 10-16D
Section 16, T4S-R4W, SW/4/SE/4
Duchesne County, Utah

Exhibit "I", a Threatened and Endangered Species Study, and Exhibit "O", Lease Agreement with the Surface Owner, will be sent under separate cover and at a later date.

Please let us know if you find you will be in need of any further information or have any questions regarding this Application.

Thank you for your consideration.

Very truly yours,

Larry Campbell
Director
Energy Operations

LC:jf
Attachments



November 28, 1988

Bureau of Indian Affairs
Uintah & Ouray Indian Agency
Fort Duchesne, Utah 84026

Attn: Mr. Roland McCook

Dear Mr. McCook:

Attached for your information is one copy of the Application for Permit to Drill the following well:

Ute Tribal 10-16D
Section 16, T4S-R4W, SW/4/SE/4
Duchesne County, Utah

Exhibit "I", a Threatened and Endangered Species Study, and Exhibit "O", Lease Agreement with the Surface Owner, will be sent under separate cover and at a later date.

Please let us know if you find you will be in need of any further information or have any questions regarding this Application.

Thank you for your consideration.

Very truly yours,

Larry Campbell
Director
Energy Operations

LC:jf
Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Coors Energy Company

3. ADDRESS OF OPERATOR

PO Box 467, Golden, CO 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 2043'fel, 818'fsl, SW/4/SE/4

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

approx 3.75 miles SE of Duchesne

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 818'
(Also to nearest drg. unit line, if any)

16. NO. OF ACRES IN LEASE

4150.06

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1900'

19. PROPOSED DEPTH

6365' *Down River*

20. ROTARY OR CABLE TOOLS

rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5892'GL 5906'KB

22. APPROX. DATE WORK WILL START*

Dec. 88- Jan. 89

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.00# K-55	375'	280 sks circ cmt to surface
7-7/8"	5-1/2"	15.50# J-55	6365'	1600 sks est. TOC 1500'

All casing is new with 8 rd. threads.

This well will be spudded in the Uinta Formation.

DRILLING PROGRAM:

1. Surface Formation & est Formation tops:

Tgrudc 5175', Base B lime 5630', Castle Peak 6160', TD 6365'.

2. Oil & gas is expected in the Green River Formation. No aquifers or other mineral zones are anticipated.

3. Pressure Control Equipment: Will consist of 3000 psi double rams & a rotating head. Casing strings will be pressure tested before drilling out shoes. BOP equipment will be pressure tested before drilling out casing shoes. See a copy of the BOP diagram, Exhibit "J".

4. Casing Program: See above Proposed Casing & Cementing Program.

Auxiliary Equipment: Float will be run in the drill string, a full

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Larry Campbell
Larry Campbell

TITLE

Director

Energy Operations

DATE 11/30/88

(This space for Federal or State office use)

PERMIT NO.

43-013-31224

APPROVAL DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE: 12-8-88

BY: *John R. Bay*

WELL SPACING: *R615-3-2*

*See Instructions On Reverse Side

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. I-109-IND-5351		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe		
2. NAME OF OPERATOR Coors Energy Company			7. UNIT AGREEMENT NAME ---		
3. ADDRESS OF OPERATOR PO Box 467, Golden, CO 80402			8. FARM OR LEASE NAME Ute Tribal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2043'fel, 818'fsl, SW/4/SE/4 At proposed prod. zone same			9. WELL NO. 10-16D		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* approx. 3.75 miles SE of Duchesne			10. FIELD AND POOL, OR WILDCAT Duchesne		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 818'		16. NO. OF ACRES IN LEASE 4150.06		17. NO. OF ACRES ASSIGNED TO THIS WELL	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1900'		19. PROPOSED DEPTH 6365'		20. ROTARY OR CABLE TOOLS rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5892'GL 5906'KB				22. APPROX. DATE WORK WILL START* Dec 88 - Jan 89	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Page 1				

opening valve to fit the drill string will be on the rig floor at all times. Kelly cock valves will be used.

5. Mud Program & Circ Medium: The proposed circulating medium will be brine water with additives as needed to control mud properties and bottom hole pressures.
6. Coring, Logging & Testing Program: Sidewall coring & drill stem tests may be run in potential pay zones. Expect to run DLL & D-N Logs.
7. Abnormal conditions, BHP & Potential Hazards: No abnormal temperatures pressures or potential hazards are expected. Maximum expected BHP is 2800 psi.
8. Duration of Drilling operations will be approximately 10 days.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Larry Campbell Director
SIGNED Larry Campbell TITLE Energy Operations DATE 11/30/88
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

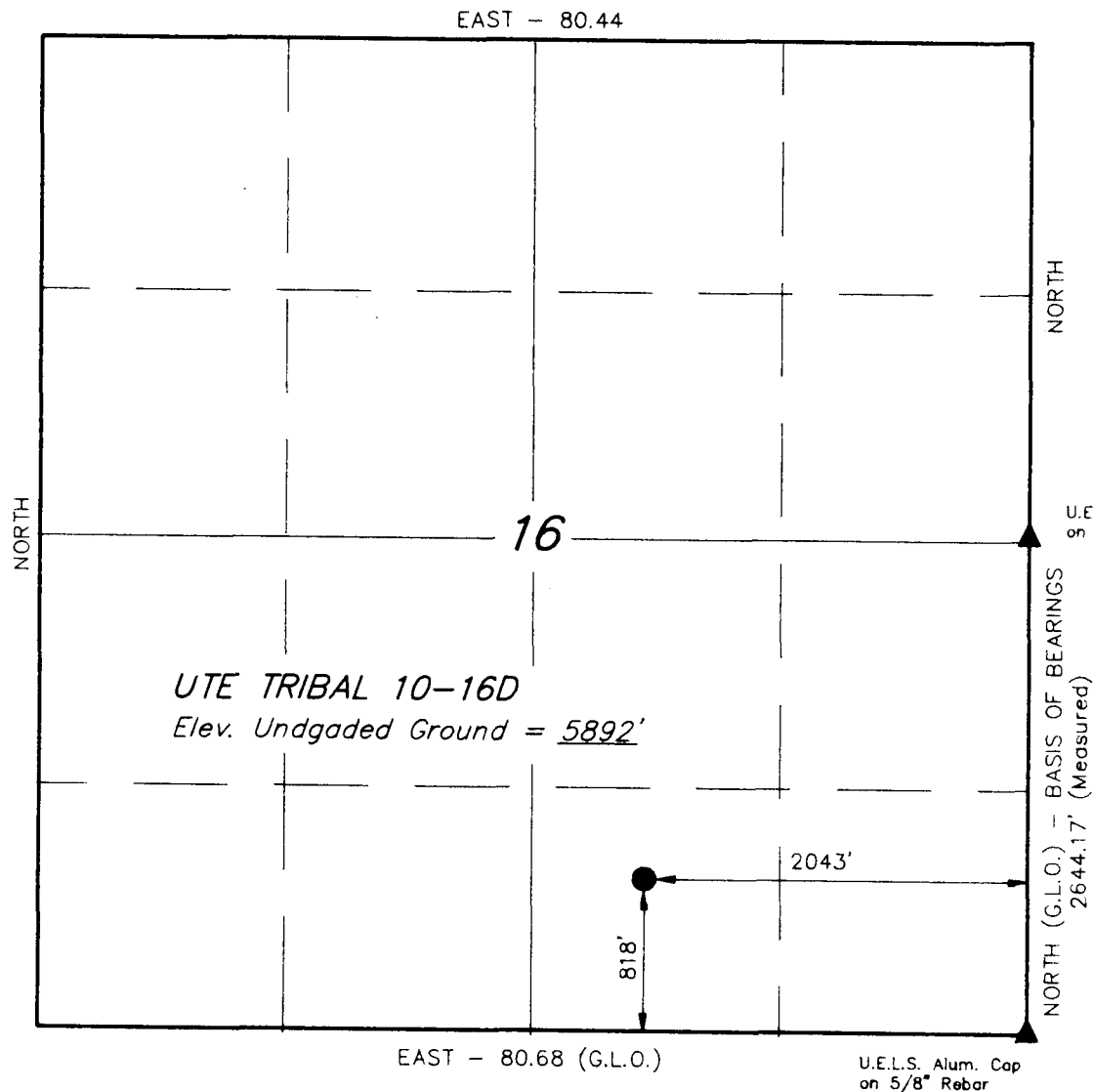
*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T4S, R4W, U.S.B.&M.

COORS ENERGY CO.

Well location, UTE TRIBAL 10-16D, located as shown in the SW 1/4 SE 1/4 of Section 16, T4S, R4W, U.S.B.&M. Duchesne County, Utah.



BASIS OF ELEVATION

BENCH MARK IN THE SW 1/4 SE 1/4 OF SECTION 17, T4S, R4W, U.S.B.&M. TAKEN FROM THE DU NE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY. SAID ELEVATION IS MAP AS BEING 5872 FEET.



Exhibit "A"

CERTIFICATE

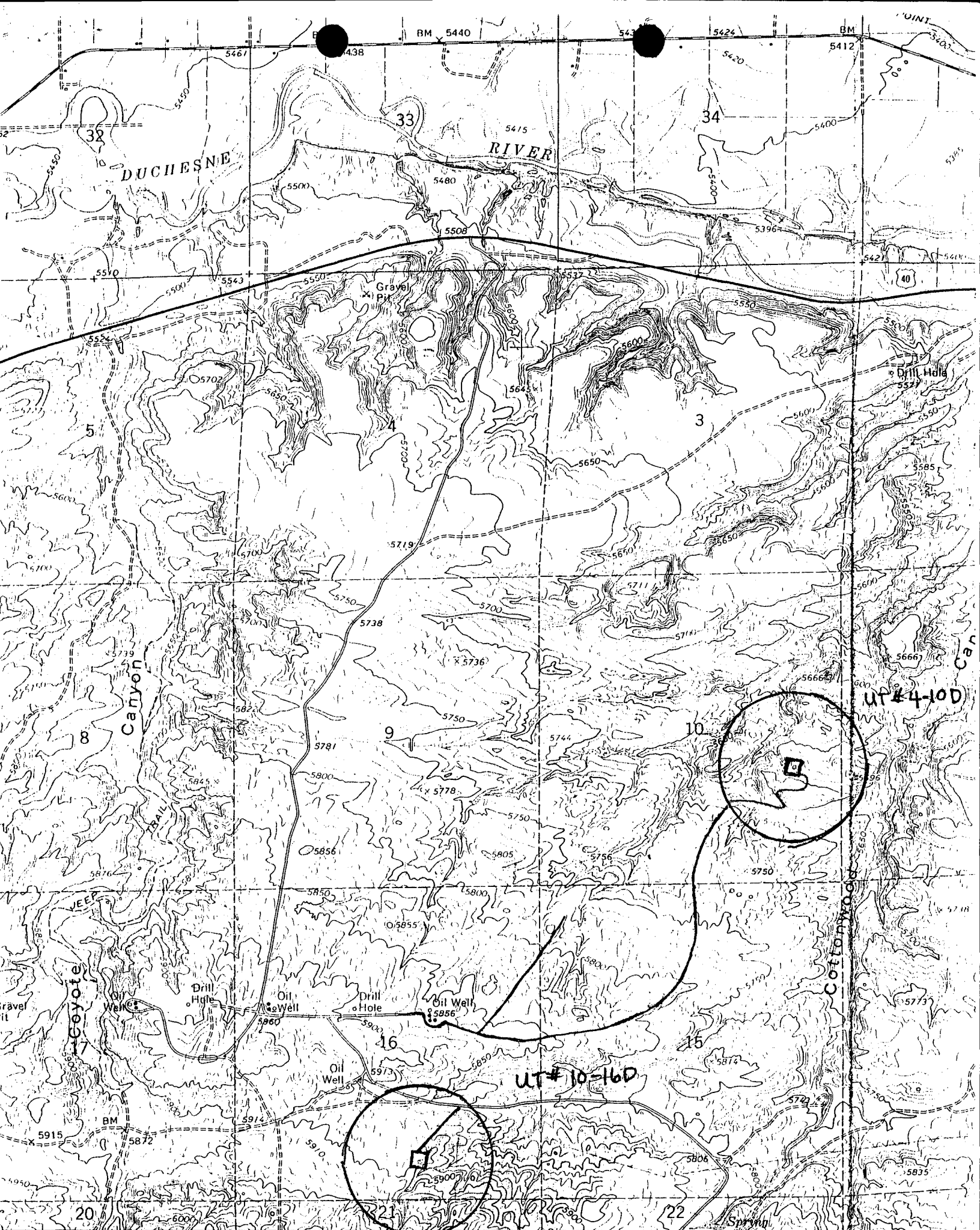
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

▲ = SECTION CORNERS LOCATED.

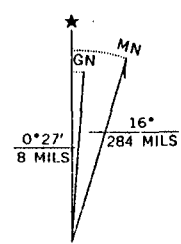
SCALE 1" = 1000'	DATE 11-16-88
PARTY L.D.T. D.A. J.R.S.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COORS ENERGY CO.



Published by the Geological Survey
C&GS

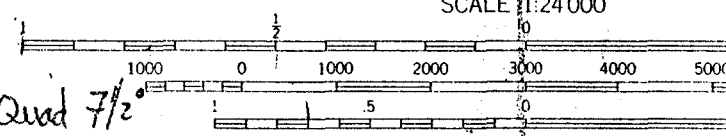
metric methods from aerial
Field checked 1964
27 North American datum
Utah coordinate system, central zone
transverse Mercator grid ticks,

icate selected fence lines



UTM GRID AND 1964 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

USGS Quad 7 1/2°
1964
Duchesne NE Utah



CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOUR
DATUM IS MEAN SEA LEVEL

12/2/88 Coors Energy T&E Survey

UT #4-10D

UT #10-16D

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 8022
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS A

MULTIPOINT SURFACE USE PLAN
COORS ENERGY COMPANY
UTE TRIBAL 10-16D
SECTION 16, T4S-R4W, SW/4/SE/4
DUCHESNE COUNTY, UTAH

Coors Energy Company will assure that this APD will be posted in the doghouse of the drilling rig during the drilling of this well. Also, a sign will be posted at the entrance to the location with the name of the well, operator and location description. We will notify Ralph Brown or Tim O'Brien at the BLM in Vernal, Utah between 24 and 48 hours prior to beginning any work on this land. Prior to starting surface construction operations, the dirt contractor shall have a completed approved copy of this APD.

1. EXISTING ROADS - See Exhibits C, D, E

Access to the Coors Ute Tribal 10-16D begins at the City of Duchesne, Utah, and proceeds along the following roads with approximate mileages as follows:

Proceed easterly on Highway 40 for approximately 3.2 miles to a dirt road to the right, proceed southerly along this road for approximately 2.7 miles to an intersection, turn left (east) and proceed easterly approximately 0.30± miles, then turn right and travel in a southeasterly direction approximately .50± miles to the entrance of the proposed access road for the Ute Tribal 10-16D. At the access road, turn right, or south, and proceed 801' to the well pad location.

Road maintenance for the 2.7 miles south of Highway 40 and the .80 miles of dirt road running easterly to the proposed well's access road will be shared by a Coors Energy Company subcontractor and Duchesne County. Maintenance will consist of periodic grading and repairs to the surface. During summer months, a watering program will be used to control dust. Rain and other inclement weather may require repairs to turnouts, waterbars, etc.

Materials for upgrading the existing road will come from the immediate area of road improvement work.

Upgraded existing roads will be constructed with an 18' road surface with bar ditches and water bars where required. Not over 30' will be cleared to upgrade any existing roads.

2. PLANNED ACCESS ROAD - See Exhibits B, C, D, E

The access road will be approximately 801 feet in length, 30' ROW with an 18' running surface maximum. The maximum grade will be 2%, no turnouts are required, the road will be ditched on both sides with barrow ditches. No culverts or bridges are required nor are gates, turnouts, cattle guards or fence cuts. Source of surfacing material will be from the access road soils and subsoils. All travel will be confined to existing access road rights-of-ways. The access road surface owner is Dora Riley.

2. PLANNED ACCESS ROAD, cont.

The road will be upgraded to meet standards of the anticipated traffic flow, including ditching on both sides with cutouts on downhill side, draining, crowning and capping for all weather conditions. Prior to upgrading, any snow will be removed and the ground allowed to dry. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals with cutouts. Upgrading will not be done during muddy conditions and mud holes will be filled in.

The operator or his successor shall be responsible for all maintenance on cattleguards or gates associated with this location.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

3. LOCATION OF EXISTING WELLS - See Exhibit G

Within a 1-mile radius of this proposed well, there are six (6) producing wells: Coors Ute Tribal 6-16D, Coors Ute Tribal 2-15D, Coors Ute Tribal 4-17D, Friar Oil's Duchesne Ute Tribal 8, Humble Oil & Refining Co. Duchesne Ute Tribal #1 and Continental Oil Co.'s Duchesne Ute Tribal 3 (renamed Friar Ute Tribal 3).

There is one (1) SI oil well: Conoco's Ute Tribal 5.

There is two (2) P&A'd wells: Friar Oil Co. Ute Tribal #4 and Humble Oil & Refining Co.'s Ute Tribal 2.

There are five Coors Energy Co. locations: Ute Tribal 4-15D, Ute Tribal 7-16D, Ute Tribal 9-16D, Ute Tribal 8-16D, and the Ute Tribal 3-15D.

With the exception of the above mentioned wells, there are no:

- a) known water wells
- b) temporarily abandoned wells
- c) disposal wells
- d) injection wells
- e) monitoring or observation wells

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES - See Exhibits B, F,

Coors Energy Company's surface production facilities in this area will consist of a pump jack, two 400-bbl. tanks, a glycol boiler, and a 3-phase separator facility with a waste water disposal pit. If the well is a producer, at the time of well completion, a Sundry Notice along with a drawing of the production facilities will be submitted to the BLM by our Vernal office for approval. A copy of the proposed production facilities is attached. See Exhibit F.

All production facilities will be located on the southwest side of the well pad and will be painted in earth colors such as Desert Brown unless specified different by surface owner, within six (6) months of when they are put in place. If a tank battery is constructed on this site, a berm will be built around the tank battery high enough to contain 1-1/2 times the storage capacity of the battery. Tank batteries will be placed on the per Sundry Notice, if the well is a producer.

For drilling operations, a survey map showing rig layout is attached. See Exhibit "B". All necessary surface equipment will be spotted on the 325' x 235' well site pad. Access to the well pad will be on the north side of the location between pts 1 & 9.

A flare pit will be located south of and separate from the reserve pit a minimum of 30' from pit and 100' from rig substructure.

5. LOCATION AND TYPE OF WATER SUPPLY - See Exhibit M

The source of the water used to drill this well will be from Curry Leasing. Water will be taken from the Duchesne River on the east end of Duchesne. Approximately 6000 bbls of water will be required to drill and complete this well. The Temporary Change Application No. is t88-43-11, filed 11/9/88. Application A60177 is heretofore referenced from Water Right 43-9594.

6. SOURCE OF CONSTRUCTION MATERIALS - See Exhibit B

The top 6" of topsoil will be removed from the well pad and stored on the north end of the location between pts 1 & 9 as shown on Exhibit "B". Fill materials needed to construct the location will be derived locally from cuts needed to build the well pad or from the access road. Any artifacts found on Tribal lands will be left in place and the BIA promptly notified.

If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

7. METHODS FOR HANDLING WASTE DISPOSAL - See Exhibit B

A mud reserve pit will be located on the south side of the location between pts A & B and will be constructed for containment of drill cuttings as well as all drilling fluids and produced fluids. The reserve pit will be inspected after construction to determine if lining will be required. The pit will be fenced as per statements in Section 9. A chemical toilet will be installed during drilling operations.

During production operations, all produced waters will be disposed of according to NTL-2B stipulations.

Produced waste water will be confined to a lined pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

The reserve pit will be allowed to dry and then back-filled and the area restored according to BLM requirements upon completion of the well.

All garbage and trash will be placed in a trash cage and hauled to an appropriate disposal site. No burning of any trash will occur at the location. Any disturbed area not required for producing operations will be restored according to BLM instructions.

The production facilities will create no additional surface disturbances. The drilling waste pit will be fenced on three sides with 36" woven sheep wire with two strands of barbed wire on top of the sheep wire. Upon completion of the drilling operations, the fourth side will be fenced. The reserve pit will be lined with clay or plastic to prevent seepage. The BLM will make a determination when the pit is constructed.

Trash, litter and construction materials will not be littered along road ways or drilling sites.

8. ANCILLARY FACILITIES

Camp facilities or airstrips will not be required.

9. WELL SITE LAYOUT - See Exhibit B

Attached is a diagram showing the proposed well site layout.

9. WELL SITE LAYOUT, cont.

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

The reserve pit will be located on the south side of location between pts A & B. The stockpiled topsoil will be stored on the north side between points 2 & 9. Access to the well pad will be made from the north side between points 1 & 9.

Coors Energy Company contacted Mr. Dale Workman at the Utah State University Extension Office at (801) 738-2080 regarding weed control on the well site and along access roads. We were informed that the following weeds are prevalent to this area: Nap Weed, White Top, Quack Grass, Canadian Thistle, Musk Thistle, Leafy Spury, Russian Olive Tree and Morning Glory. We will follow their recommended procedure and spray with the suggested chemicals to control noxious weeds in these areas.

10. PLANS FOR RESTORATION OF SURFACE - See Exhibit B

Surface vegetation scraped off during drill site preparation will be removed and stock-piled prior to topsoil removal. Upon abandonment, vegetation will be redistributed as a mulching agent over the well site. All disturbed areas will be recontoured to the approximate natural contours. The top 6" of topsoil will be stock-piled on the north side of the well site as shown on Exhibit "B", between pts 9 & 2.

The original surface will be reconstructed as close as possible upon abandonment. The stock-piled topsoil will be spread over the area. Any solid waste material present prior to abandonment will be removed from the location. Any oil or deleterious liquids will be removed by a pump truck to an approved disposal area.

Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all trash will be removed. The access road will also be blocked during restoration. The reserve pit and that part of the location not needed for production will be reclaimed in the same manner outlined in this section within 90 days from date of well completion.

10. PLANS FOR RESTORATION OF SURFACE, cont.

Prior to reseeding, all disturbed areas including the access road, will be scarified and left with a rough surface.

The topsoil will be tested to determine if fertilizer is needed to re-establish vegetation. After spreading the stock-piled topsoil, the following seed mixture will be used for reseeding:

Smooth brome (Manchar) 5 lbs. pure live seed/acre
Orchard grass 5 lbs. pure live seed/acre
timothy 5 lbs. pure live seed/acre
Intermediate wheat grass 5 lbs. pure live seed/acre
Alsike clover 1 lb. pure live seed/acre

All seeding will be done from September 15th until the ground freezes.

This mixture will be drilled to a depth of one-half inch and planted at a time specified by the Private Surface Owner. This seeding program will be modified as per Private Surface Owner instruction at the time of site restoration. If seeding is unsuccessful, the operator may be required to make subsequent seedings.

If any cultural resources are found during construction, all work will stop and the BLM will be notified.

Coors will notify Dora Riley 48 hours prior to starting rehabilitation procedures.

11. SURFACE OWNERSHIP - See Exhibit O

Dora Riley has 100% surface ownership of the location of the Ute Tribal 10-16D well site. Where the surface of the well site is privately owned, the operator shall provide the name, address, and, if known, telephone number of the surface owner.

12. OTHER INFORMATION - See Exhibits H, I, J, K, L, N, O

The Ute Tribal 10-16D is located approximately 3-3/4 miles southeast of Duchesne, Utah on the Uintah and Ouray Indian Reservation. The area is covered with native sagebrush. No wildlife was observed on the location. A Threatened and Endangered Species Study of this area is attached, (See Exhibit "I")

The operator or his contractor shall contact the BLM and the BIA offices at (801) 789-1362 (BLM) and (801) 722-2406 (BIA) between 24 and 48 hours prior to construction activities. Contact Ralph Brown or Tim O'Brien.

Multipoint Surface Use Plan
Ute Tribal 10-16D
Coors Energy Company

12. OTHER INFORMATION, cont.

The BLM & BIA Offices shall be notified upon site completion prior to moving on the drilling rig.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the BIA & BLM.

The surface owner waives the requirement of an archeological evaluation study on the proposed access road and pad sites. See Exhibit "O".

Since this well is on the Uintah and Ouray Indian Reservation, Coors will work closely with Ute Tribal representatives to ensure all Tribal requirements for drilling and production operations of this well are followed. See Exhibit "K".

It is Coors Energy Company's policy that no Coors' employees nor subcontractors carry firearms on access roads nor onto the location during drilling or well completion operations of this well. No alcoholic beverages or drugs will be permitted on Coors' operations on Indian lands. No prospecting will be allowed on Coors' operations.

Attached is a copy of the Designation of Operator, (See Exhibit "L") and a copy of the Ute Tribal Notice stating their requirements when traversing or operating on Ute Indian lands, (See Exhibit "K").

The BOP Instructions are included with this Application, (See Exhibit "J") and a copy of the BLM Stipulations is attached, (See Exhibit "H").

All operators, subcontractors and vendors will be confined to established roads and well sites.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION REPRESENTATIVE

Larry Campbell
Director, Energy Operations
Coors Energy Company
P.O. Box 467
Golden, Colorado 80402
Phone: (303) 278-7030

CERTIFICATION

See Exhibit "N"

/jff

UTE TRIBAL 10-160 SURFACE PRODUCTION FACILITIES

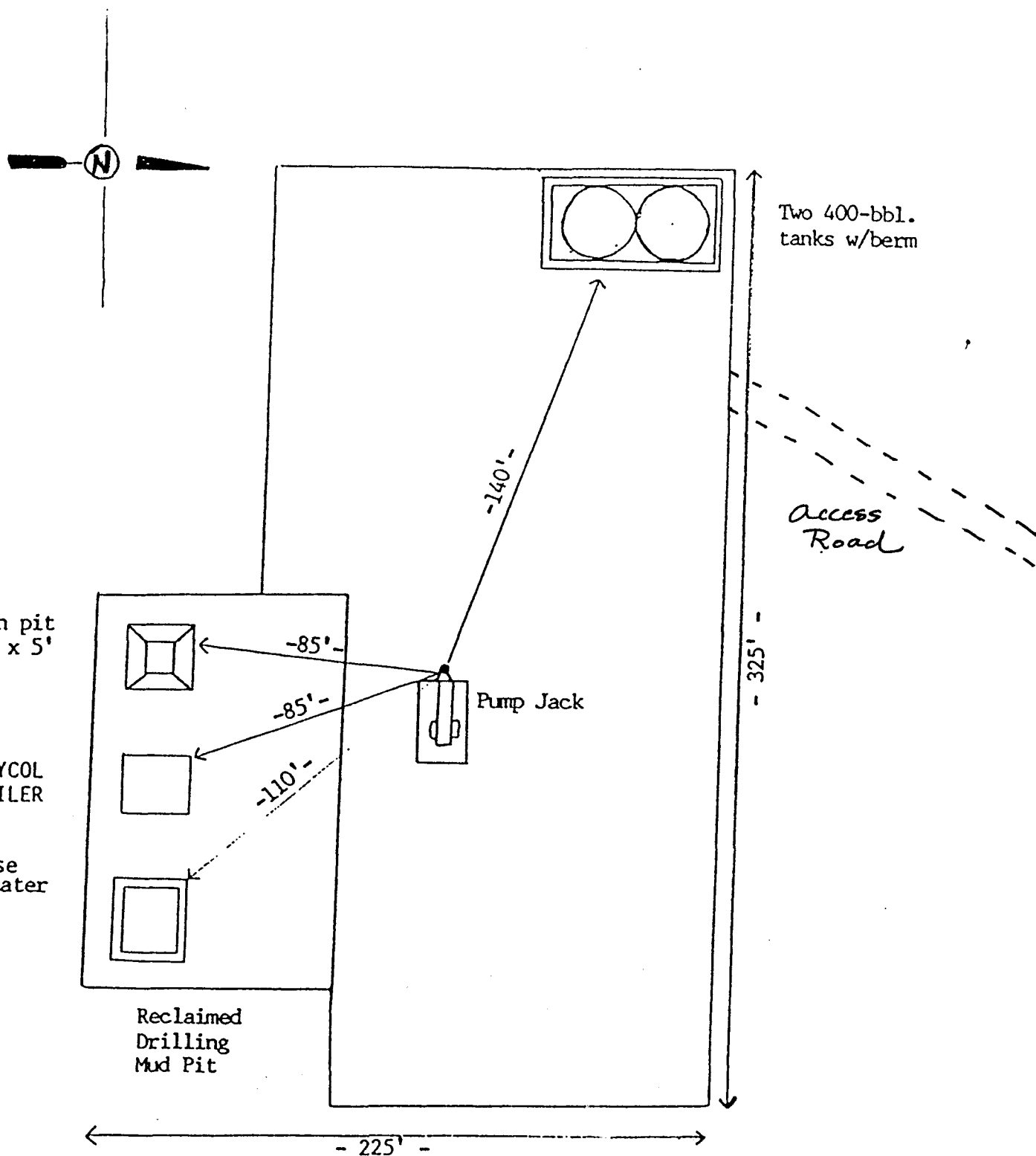


Exhibit "F"

7

COORS ENERGY
UTE TRIBAL 1-70
8375
020688

COORS
UTE TRIBAL 4-18

18

COORS ENERGY
UTE TRIBAL #2-18

8

GULF OIL CORP
UTE TRIBAL #4
8400
110269

COORS ENERGY
UTE TRIBAL 2-8
8375
061888

9

COORS ENERGY
UTE TRIBAL #1
8500
072366

LOMAX EXPLORATION CO.
COYOTE UTE TRIBAL 10-9
8527
010485

10

4-18D

COORS
UTE 1-10D

010485

03-10D

COORS ENERGY
UTE TRIBAL 6-16D

FRIAR OIL CO
DUCESNE UTE TRIBAL #8
3340 120469

HUMBLE OIL & REFINING CO
DUCESNE UTE TRIBAL #2
11317 060452

CONTINENTAL OIL CO
DUCESNE UTE TRIBAL #5
3645 011762

HUMBLE OIL & REFINING CO
DUCESNE UTE TRIBAL #1
7596 081051

FRIAR OIL CO
DUCESNE UTE TRIBAL #4(WI)
2100
011262

COORS ENERGY
UTE TRIBAL 2-15D
8350
051288

COORS ENERGY
UTE TRIBAL 1-15-D4
3209
030883

CONTINENTAL OIL CO17
DUCESNE UTE TRIBAL #7
3550
060462

COORS ENERGY
UTE TRIBAL 4-17D

15

16

17

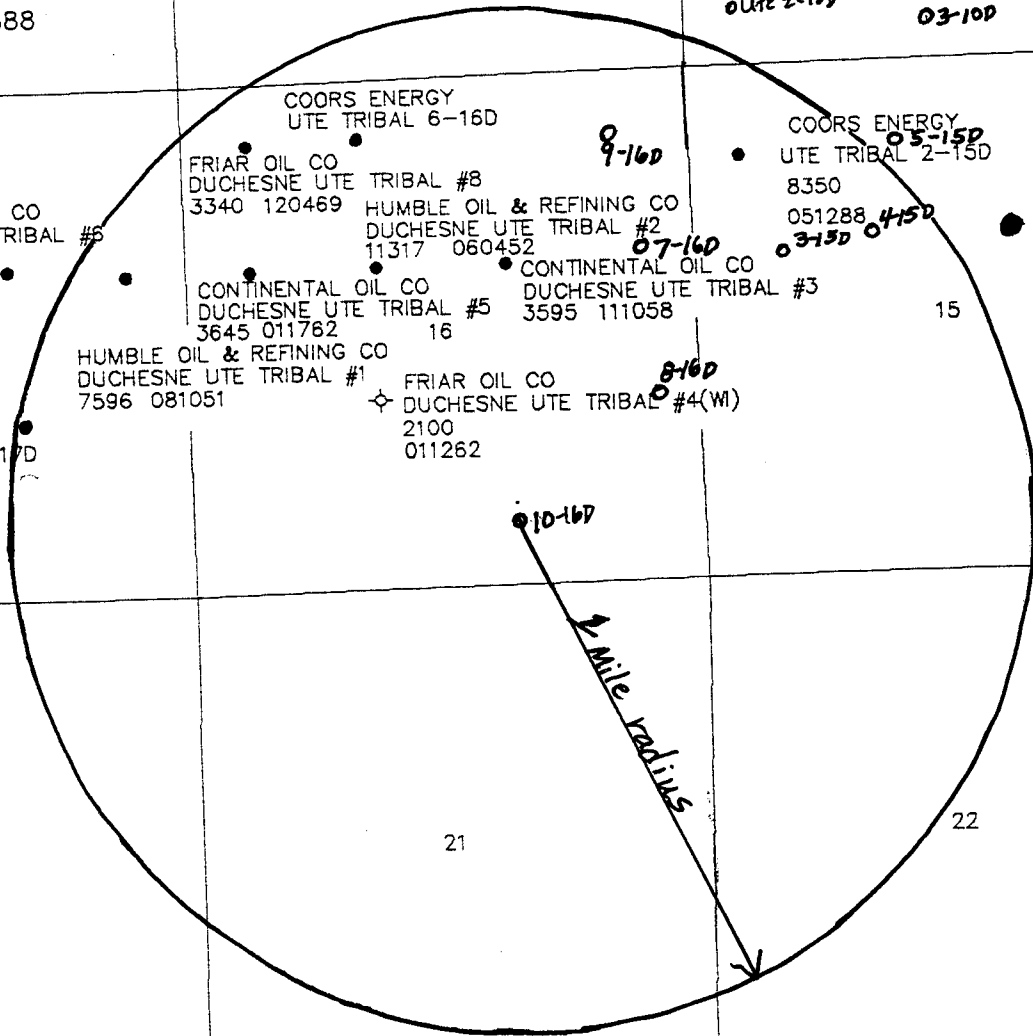
18

19

20

21

22



19

UTE TRIBAL 10-16D
Section 16, T4S-R4W
Duchesne County, Utah

UTE TRIBAL 10-160 SURFACE PRODUCTION FACILITIES

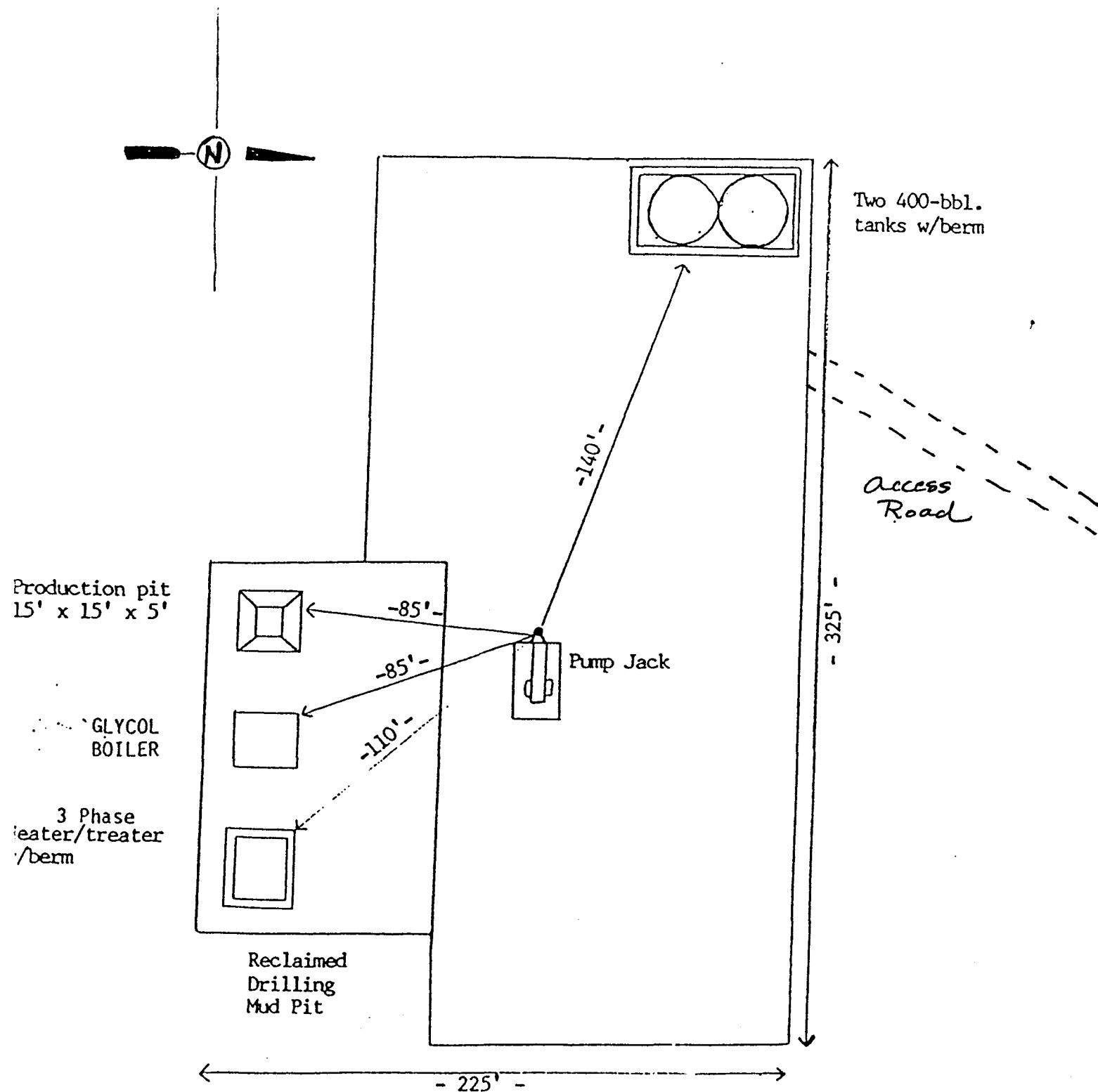


Exhibit "F"

7

COORS ENERGY
UTE TRIBAL 1-7D
8375
020688

COORS
UTE TRIBAL 4-18

18

COORS ENERGY
UTE TRIBAL #2-18

19

UTE TRIBAL 10-16D
Section 16, T4S-R4W
Duchesne County, Utah

EXHIBIT "G"

8
* GULF OIL CORP
UTE TRIBAL #4
8400
110269
COORS ENERGY
UTE TRIBAL 2-8
8375
061888

CONTINENTAL OIL CO
DUCHESNE UTE TRIBAL #5
3582 040862

CONTINENTAL OIL CO17
DUCHESNE UTE TRIBAL #7
3550
060462

COORS ENERGY
UTE TRIBAL 4-17D

9
* COORS ENERGY
UTE TRIBAL #1
8500
072366

COORS ENERGY
UTE TRIBAL 6-16D
FRIAR OIL CO
DUCHESNE UTE TRIBAL #8
3340 120469

CONTINENTAL OIL CO
DUCHESNE UTE TRIBAL #5
3645 011762

HUMBLE OIL & REFINING CO
DUCHESNE UTE TRIBAL #1
7596 081051

FRIAR OIL CO
DUCHESNE UTE TRIBAL #4(W)
2100
011262

LOMAX EXPLORATION CO.
COYOTE UTE TRIBAL 10-9
8527
010485

10

COORS
UTE 1-10D

0012 2-10D 03-10D

COORS ENERGY
UTE TRIBAL 2-15D
8350
051288

COORS ENERGY
UTE TRIBAL 1-15-D4
3209
030883

10-16D
1 Mile Radius

21

22

Revised October 1, 1985

Date NOS Received 11-14-88

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator Coors Energy Co.
Well Name & Number UTE Tribal 10-16D
Lease Number I-109-IND-5351
Location SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16 T. 4S R. 4W
Surface Ownership Private - Dora Riley

Exhibit "H"

THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Existing Roads--describe the following and provide a legible map, labeled and showing:
 - A. Proposed wellsite as staked and access route to location, including distances from point where access route exits establish roads. (Actual staking should include two directional reference stakes.)
 - B. Route and distance from nearest town or locatable reference point, such as a highway or county road, to where well access route leaves main road.
 - C. Access road(s) to location color-coded or labeled.
 - D. Plans for improvement and/or maintenance of existing roads. (Appropriate rights-of-way for off lease roads should be attached.)
2. Planned Access Roads--describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing:
 - A. Length - 2801'
 - B. Width - 30 foot right-of-way with 18 foot running surface maximum.
 - C. Maximum grades - 2%
 - D. Turnouts - None
 - E. Drainage design - Borrow Ditches
 - F. Location and size of culverts and/or bridges, and brief description of any major cuts and fills - None
 - G. Surfacing material (source) - From Access Road
 - H. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None
 - I. Access road surface ownership - Dora Riley

~~(New or reconstructed roads are to be centerline-flagged at time of location staking.)~~

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

— Right-of-Way Application needed. If a ROW is necessary for the access road, a copy of the ROW grant shall be with the dirt contractor during the construction and thereafter kept on location with the complete copy of the approved APD.

Operators shall notify the following ROW grantees of their intent to use the existing roads and, if necessary, enter into a cooperative maintenance agreement.

— The proposed access road shall utilize the upgraded 2-track trail approximately _____ (ft. or mile) as agreed upon during the onsite inspection. Remainder of planned access road will follow flagged route for _____.

— The operator/lessee or his successor shall be responsible for all maintenance on cattleguards or gates associated with this oil and/or gas operation.

3. Location of Existing Wells--describe the following and provide a map or plat of all wells within a 1 mile radius of the proposed well location showing and identifying existing:

- A. Water wells
- B. Abandoned wells
- C. Temporarily abandoned wells
- D. Disposal wells
- E. Drilling wells
- F. Producing wells
- G. Shut-in wells
- H. Injection wells

4. Location of Existing and/or Proposed Facilities

A. On well pad: Show the following existing area facilities and dimensions to be utilized if the well is successfully completed for production (detail painting plans and color if applicable):

- (1) Tank batteries
- (2) Production facilities
- (3) Oil gathering lines
- (4) Gas gathering lines
- (5) Injection lines
- (6) Disposal lines
- (7) Surface pits (separate application per NTL-2B requirements)*

(Indicate if any of the above lines are buried.)

B. Off well pad: Same as above. Off lease flowlines may require rights-of-way or special use permits, check with the Area Office Realty Specialist. (Include a diagram of the proposed attendant lines, i.e., flowlines, powerlines, etc., if off well pad location.)

- (1) Proposed location and attendant lines shall be flagged off of well pad prior to archaeological clearance.
- (2) Dimensions of facilities
- (3) Construction methods and materials
- (4) Protective measures and devices to protect livestock and wildlife

Note: Operator has option of submitting information under 4A and B., after well is completed for production, by applying for approval of subsequent operations.

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the battery. The integrity of the dike must be maintained.

Tank batteries will be placed on the per Summary if
well is a producer

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rock Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown 10 yr 6/3 or.
other if designated by land owner

5. Location and Type of Water Supply

- A. Show location and type of water supply, either by $\frac{1}{4}$, $\frac{1}{4}$ section on a map or by written description _____.
- B. State method of transporting water, and show any roads or pipelines needed.
- C. If water well is to be drilled on lease, so state. _____

*The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Materials

- A. Show information either on map or by written description -
from location of access road
- B. Identify if from ~~Federal or Indian (tribal or allotted)~~ land.
- C. Describe where materials such as sand, gravel, stone, and soil material are to be obtained and used.

*If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

~~*A minerals material application (is/is not) required.~~

7. Methods for Handling Waste Disposal

- A. Describe methods and location of proposed safe containment and disposal of each type of waste material, including:
 - (1) Cuttings
 - (2) Sewage
 - (3) Garbage (trash) and other waste material
 - (4) Salts
 - (5) Chemicals
- B. Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations. _____

*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

*Pits are not to be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls, unless otherwise herein provided.

On BLM administered lands:

The reserve pit ^{will be lined if} ~~(shall/shall not)~~ be lined. *Determined by inspection*
Following construction

*If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge.

The bottom of the reserve pit shall not be in fill material.

For the following reasons the reserve pit will be lined:

To conserve water (because of operator's request).

*If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit.

To protect the environment.

If the reserve pit is lined the operator will provide the BLM a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements prescribed by Part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

To protect the environment (without a chemical analysis).

Produced waste water will be confined to a (lined/unlined) pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

On BIA administered lands:

All reserve pits will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit.)

To protect the environment.

If the reserve pit is lined the operator will provide the BLM a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements prescribed by Part II, Standards of Quality for Waters of the

State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

— To protect the environment (without a chemical analysis).

Pits will be constructed so as not to leak, break, or allow discharge of liquids.

— Storage tanks will be used if drill sites are located on tribal irrigable land, flood plains, or on lands under crop production.

Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. Ancillary Facilities

- A. Identify all proposed camps and airstrips on a map as to their location, and area required, and construction methods. (Camp center and airstrip centerlines to be staked on the ground.)

~~Camp facilities or airstrips will not be required.~~

9. Well Site Layout--provide a plat (not less than 1" = 50') showing:

- A. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography.
- B. Location of mud tanks, reserve, blooie, and emergency pits, pipe racks, living facilities, and soil material stockpiles, etc. (Approval as used in this section means field approval of location.)
- C. Rig orientation, parking areas, and access roads, etc.

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

Well Site Layout: The reserve pit will be located on the:

South side between pts. A & B

The stockpiled topsoil will be stored on the:

between pts. 9 & 2 North side

Access to the well pad will be from the:

between pts. 1 & 9 North side

~~Diversion ditch(es) shall be constructed on the _____ side of the location (above / below) the cut slope, draining to the _____.~~

~~Soil compacted earthen berm(s) shall be placed on the _____ side(s) of the location between the _____.~~

~~The drainage(s) shall be diverted around the _____ side(s) of the well pad location.~~

~~The reserve pit and/or pad location shall be constructed long and narrow for topographic reasons _____.~~

~~The _____ corner of the well pad will be rounded off to avoid the _____.~~

10. Plans for Restoration of Surface

- A. Provide a restoration program upon completion of operations, including:
- (1) Backfilling, leveling, recontouring, and waste disposal; segregation of topsoil from cut materials as needed
 - (2) Revegetation and rehabilitation--including abandoned access roads or portions of well pads no longer needed (normally per BLM recommendations)
 - (3) Proposed timetable for commencement and completion of rehabilitation operations
- B. The following are provisions to be addressed in the restoration plan:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 90 from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the ~~BLM / BIA / FS~~ / Private Surface Owner. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the ~~BLM / BIA / FS~~ / Private Surface Owner, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 15th until the ground freezes.

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

On BIA administered lands:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops and, (c) insuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county extension office.

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three quarter inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by whatever means is practical.

11. Surface Ownership:

Dora Riley

Provide the surface ownership (Federal, Indian, State or private) at the well location, and for all lands crossed by roads which are to be constructed or upgraded.

Where the surface of the well site is privately owned, the operator shall provide the name, address, and, if known, telephone number of the surface owner.

12. Other Additional Information

The BLM recommends a general description of:

- A. Topography, soil characteristics, geologic features, flora and fauna
- B. Other surface-use activities and surface ownership of all involved lands
- C. Proximity of water, occupied dwellings, archaeological, historical or cultural sites

A cultural resource clearance will be required before any construction begins on Federal and Indian lands. However, historic and cultural resource work shall be undertaken only with the written consent of a private surface owner. If the private surface owner refuses entry for that purpose, the lessee or operator shall use its best efforts to conduct its approved operations in a manner that avoids adverse effects on any properties which are listed, or may be eligible for listing, in the NRHP.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization". All operators, sub-contractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved rights-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products and (e) only authorized personnel permitted.

All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township, and range).

Additional Surface Stipulations for BLM, BIA, FS, DWR, or Private Surface Lands:

The operator or his contractor shall contact the BLM and BIA Offices at (801) 789-1362 (BLM) and (801) 722-2406 (BIA) between 24 and 48 hours prior to construction activities. Contact Ralph Brown or

Tim O'Brien

- ~~X~~ The BLM and BIA Offices shall be notified upon site completion prior to moving on the drilling rig.
- No construction or drilling activities shall be conducted between November 1 thru March 1 because of bald and golden eagle winter habitat areas.
- No construction or drilling activities shall be conducted between _____ and _____ because of big game habitat areas.
- No construction or exploration activity will be permitted _____ through _____ due to the presence of an active raptor nest or eyrie.
- No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.
- No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.
- There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).
- No cottonwood trees will be removed or damaged.
- A _____ ft. tree screen or vegetative buffer shall be left on the _____ side(s) of the well location, to minimize visual impacts and for watershed protection.
- All rock art sites will be avoided by construction/drilling/ maintenance activities by a minimum of 500 feet.
- No construction or drilling activities shall be conducted between _____ and _____ because of the possible presence of Threatened and Endangered plant species.
- Overhead flagging will be installed on pits to protect waterfowl and birds.
- _____
- _____
- _____
- _____

Fence Stipulation:

Each existing fence to be crossed by the right-of-way shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly travelled. If the well is a producer, the cattleguard (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/ her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

Grazing Permittee _____

Address _____ Phone No. _____

Note: If the land is privately owned, these surface stipulations may be varied to comply with the operator - land owner agreement.

13. Lessee's or Operators Representative and Certification

Representative

Name: _____

Address: _____

Phone No. _____

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Coors Energy Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

11/18/88
Date

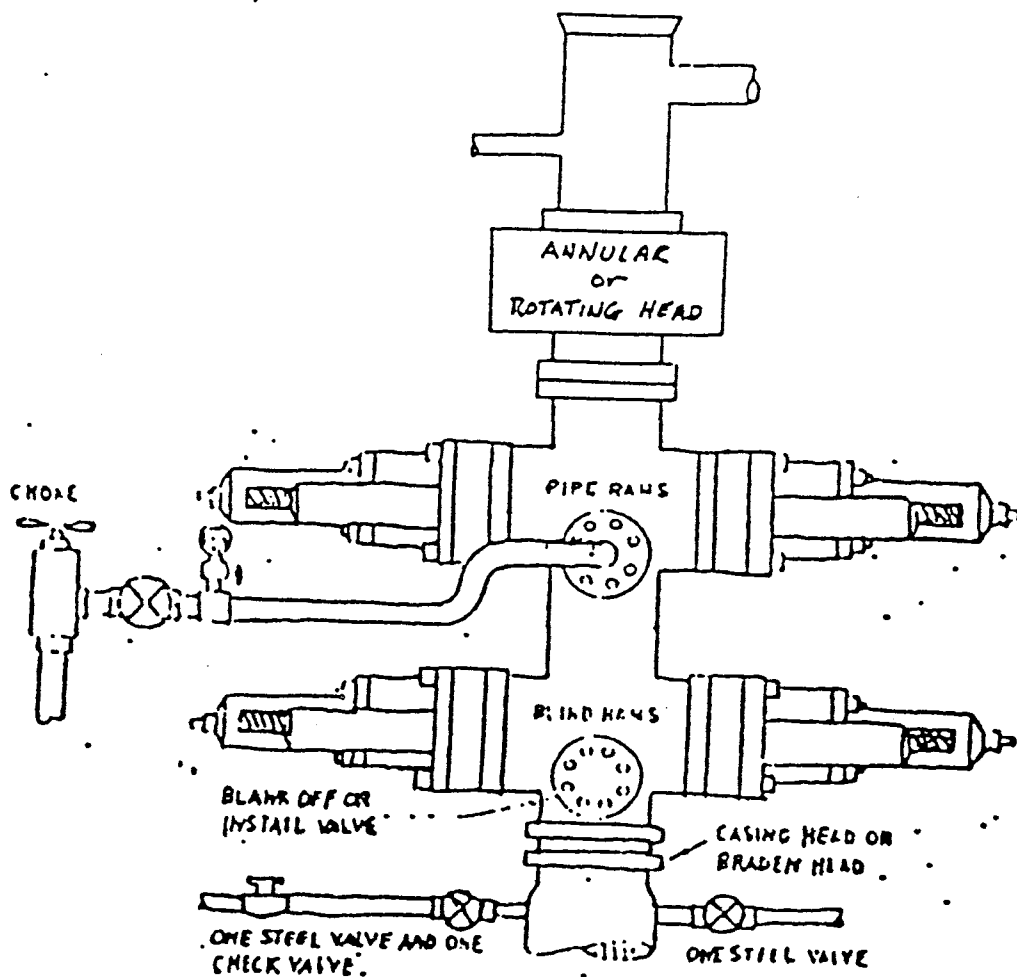
Jim Simon Dist. & Grass Supervisor
Name and Title

Onsite Date: 11/18/88

Participants on Joint Inspection

<u>Lanny Taylor</u>	<u>Unitah Eng.</u>
<u>Darren Cuck</u>	<u>Utah Tribe</u>
<u>Ralph Brown</u>	<u>BLM</u>
<u>Jim Simon</u>	<u>Coors Energy Co.</u>

BLOWOUT PREVENTION EQUIPMENT



ALL EQUIPMENT TO BE 3000 PSI WORKING PRESSURE AND FLANGED AND CONFORM TO API RP53

- A. One double gate blowout preventer with lower rams blind and upper rams for pipe, all hydraulically controlled, side outlets on preventers between rams for choke/kill lines.
- B. All connections from operating manifold to preventers to be all steel hose or to be a minimum of one inch in diameter.
- C. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the preventers.
- D. All connections to and from preventers to have a pressure rating equivalent to that of the BOP's. Kill line to be at least 2" and line to choke manifold to be 3".
- E. Manual controls to be installed before drilling cement plug.
- F. Valve to control flow through drill pipe to be located on rig floor.
- G. A drilling spool, optional, may be used below the blind rams or between rams.



UTE Energy & Minerals
P.O. Box 190
Fort Duchesne, Utah 84026

(801) 722-5141 x219

NOTICE

TO: All Well Operators, Lessees, Subcontractors, Vendors, and Affiliated Agents and Employees Thereof

When entering the Ute Reservation, the entering individual is coming into a sovereign nation separate and distinct from the State of Utah. As such, there are special requirements which must be complied with when traversing or operating on Ute Indian Lands.

1. Trespass permits shall be obtained and carried with individual on tribal lands at all times.
2. All operators, subcontractors, vendors, and their employees or agents shall not carry firearms or other weapons.
3. All operators, subcontractors, vendors, and their employees or agents are confined to established roads and well sites. All litter must be removed from Ute Lands.
4. All operators, subcontractors, vendors, and their employees or agents may not gather firewood on Indian lands. Absent a duly granted "wood permit," such gathering is a criminal offense punishable in Federal court.
5. If water or fill materials are needed in constructing roads, well sites, or are used in the drilling process, proper permits are needed. Required information for permits includes: a) the approximate amount of water or materials needed; b) the location and ownership of the water rights or materials to be used and; c) the approximate amount of water or materials to be used.
- 6) All artifacts found while on Tribal lands shall be left in place and the Tribe promptly notified of the find.
- 7) No prospecting will be allowed on Tribal lands.
- 8) No alcoholic beverages or drugs shall be permitted while working on the Reservation.

Exhibit "K"

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the U. S. Department of the Interior; Bureau of Indian Affairs

DISTRICT LAND OFFICE: The Ute Indian Tribe of the Uintah and Ouray Indian Reservation
SERIAL No.: 1-109-Ind-5351

and hereby designates

NAME: Coors Energy Company
ADDRESS: 14062 Denver West Parkway, Bldg 52, Suite 300, Golden, Colorado 80401

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

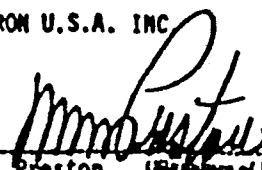
See Exhibit "A" attached hereto and made a part hereof.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

CHEVRON U.S.A. INC

By: 
J. B. Preston (Signature of Lessee) Assistant Secretary

August 25, 1987

(Date)

P. O. Box 599, Denver, Colorado 80201

(Address)

Exhibit "L"

EXHIBIT "A"

Exhibit "A" attached to and made a part of that certain Designation of Operator dated August 25, 1987.

Township 4 South, Range 4 West, U.S.M.

Section 7: Lots 1, 2, 3, 4, 5, 6, 7, SE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$
Section 8: All
Section 9: SW $\frac{1}{4}$
Section 10: S $\frac{1}{2}$
Section 15: N $\frac{1}{2}$
Section 16: All
Section 17: All
Section 18: Lots 3, 4, E $\frac{1}{2}$ SW $\frac{1}{4}$, E $\frac{1}{2}$

APPLICATION FOR TEMPORARY CHANGE OF WATER

STATE OF UTAH

Rec. by _____

Fee Paid \$ _____

Receipt # _____

Microfilmed _____

Roll # _____

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

TEMPORARY CHANGE APPLICATION NO. t88-43-11

Proposed changes: point of diversion [X], place of use [X], nature of use [].

1. NAME: Curry Leasing
ADDRESS: P.O. Box #227 Altamont, UT 84001
2. FILING DATE: ~~October 14, 1988~~ Nov. 9, 1988
3. RIGHT EVIDENCED BY: Application A60177

HERETOFORE referenced from Water Right: 43-9594

4. FLOW: 0.05 cfs OR 36.5 acre-feet
5. SOURCE: Duchesne River
6. COUNTY: Duchesne
7. POINT(S) OF DIVERSION:
(1) ft. E 950 ft. from SW corner, Section 27, T2S, R5W, USBM
Diverting Works: Pump trucks and hauled
8. NATURE OF USE:
OIL EXPLORATION: Oil well drilling, completion and service work
PERIOD OF USE: August 3 to August 3
9. PLACE OF USE:

Sec 27, T2S, R5W, USBM

NORTH-EAST NE NW SW SE	NORTH-WEST NE NW SW SE	SOUTH-WEST NE NW SW SE	SOUTH-EAST NE NW SW SE
: : :	: : :	: : X:	: : :

THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

10. FLOW: 0.05 cfs OR 12.0 acre-feet
REMAINING WATER: Same as HERETOFORE
11. SOURCE: Duchesne River
12. COUNTY: Duchesne
COMMON DESCRIPTION:
13. POINT(S) OF DIVERSION: Changed as follows:
(1) ft. E 950 ft. from SW corner, Section 27, T2S, R5W, USBM
Diverting Works: Pump trucks Source: Duchesne River
Continued on Next

Exhibit "M"

(2) N 2250 ft. E 750 ft. from SW corner, Section 6, T4S, R4W, USBM
Diverting Works: Pump trucks Source: Duchesne River

14. PLACE OF USE: Changed as follows:

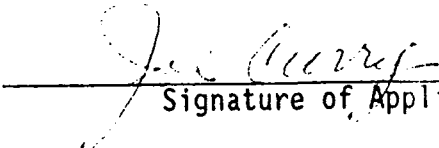
NORTH-EAST		NORTH-WEST		SOUTH-WEST		SOUTH-EAST
NE NW SW SE		NE NW SW SE		NE NW SW SE		NE NW SW SE

ALL T4S, R4W, USBM |

15. NATURE OF USE: Same as HERETOFORE

OIL EXPLORATION: Oil well drilling, completion and service work in Sowards-Antelope
PERIOD OF USE: October 15, 1988 to October 15, 1989

The undersigned hereby acknowledges that even though he/she may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the State Engineer's Office, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant.



Signature of Applicant



CERTIFICATION BY OPERATOR'S FIELD REPRESENTATIVE

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true, complete, and correct; and that the work associated with this plan will be carried on by Coors Energy Company, and its contractors and subcontractors, in conformity with the plan and the terms and conditions under which it is approved.

11-29-88

Date

Larry Campbell
Director, Energy Operations

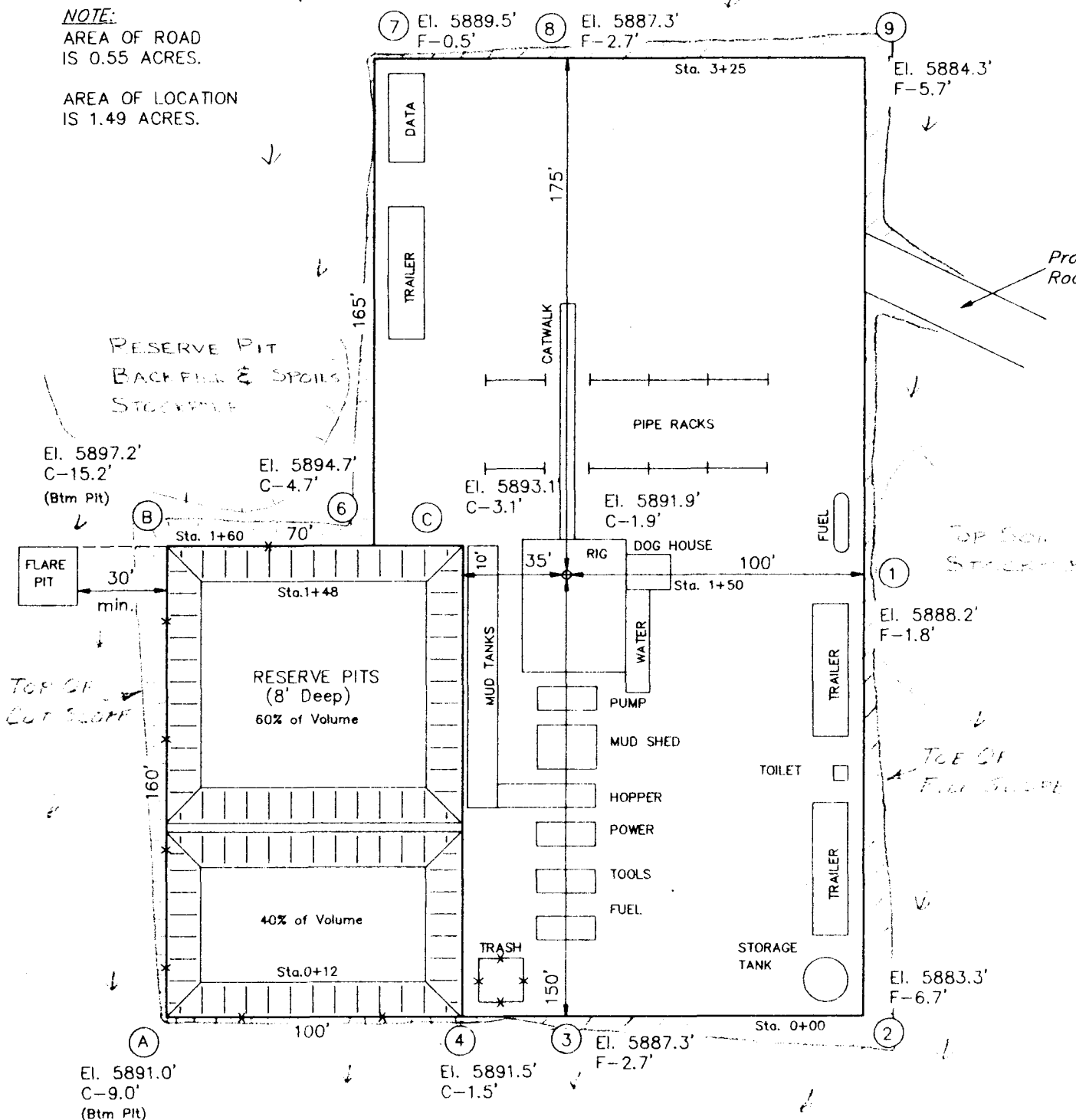
LC/jf

EXHIBIT "N"

COORS ENERGY CO.
LOCATION LAYOUT FOR
UTE TRIBAL 10-16D
SECTION 16, T4S, R4W, U.S.B.&M.

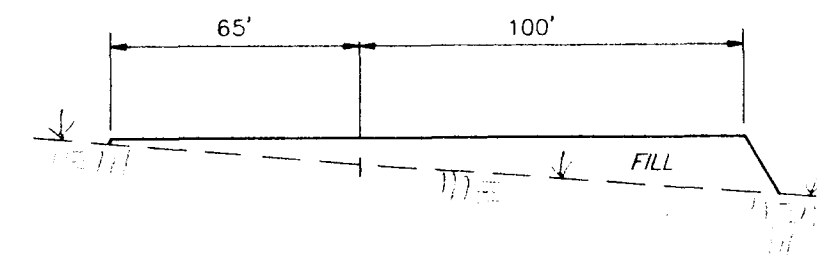
NOTE:
AREA OF ROAD
IS 0.55 ACRES.

AREA OF LOCATION
IS 1.49 ACRES.

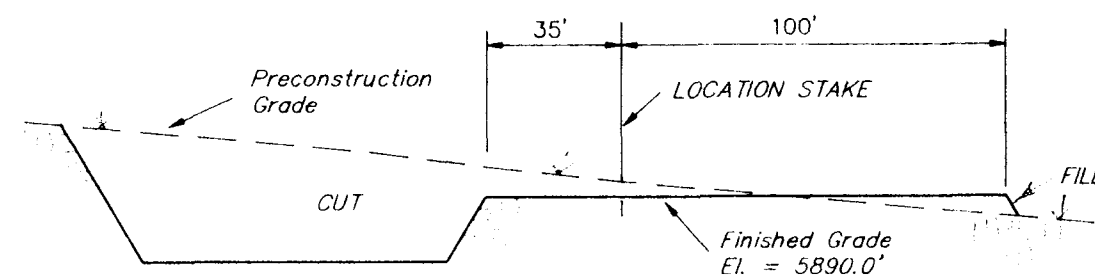


SCALE: 1" = 50'
DATE: 11-16-88

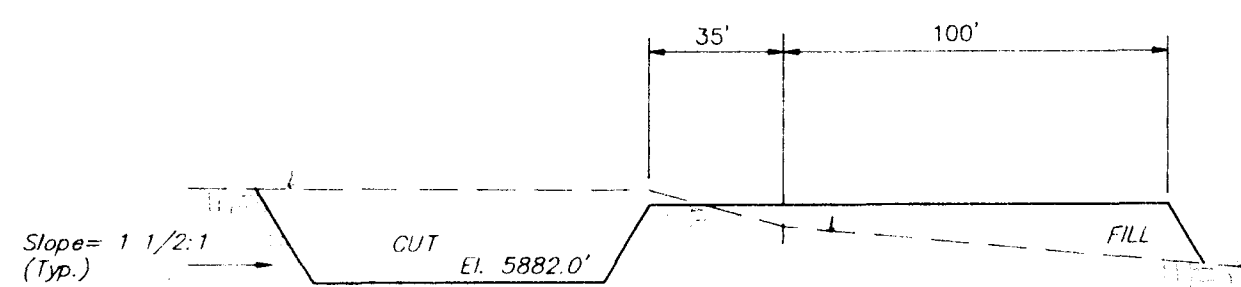
X-Section
Scale
1" = 20'
1" = 50'



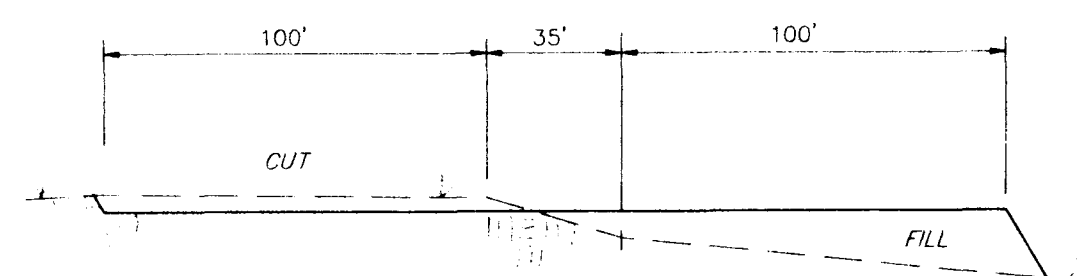
STATION 3+25.00



STATION 1+50.00



STATION 0+12.00



STATION 0+00.00

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,200 Cu. Yds.
Pit Volume (Below Grade) = 3,468 Cu. Yds.
Compaction = 3,008 Cu. Yds.

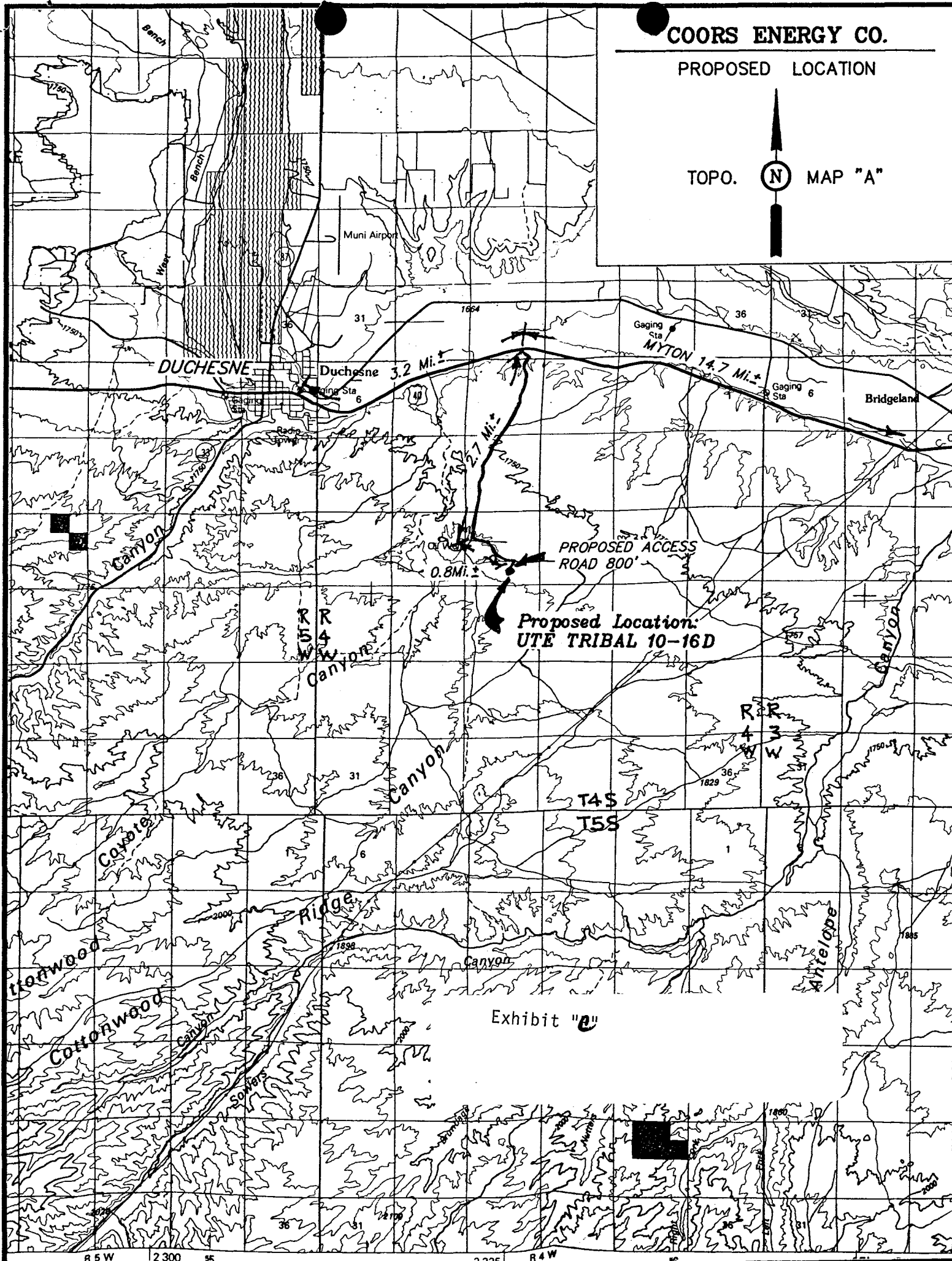
AL CUT = 7,676 CU.YDS.
= 3,582 CU.YDS.

EXCESS MATERIAL AFTER
20% COMPACTION = 3,199 Cu. Yds.
Topsoil & Pit Backfill
(1/2 Pit Vol.) = 2,934 Cu. Yds.

EXCESS UNBALANCE
(After Rehabilitation) = 265 Cu. Yds.

PROPOSED LOCATION

TOPO. (N) MAP "A"



COORS ENERGY CO.

PROPOSED LOCATION

TOPO. **N** MAP "B"

SCALE: 1" = 2000'

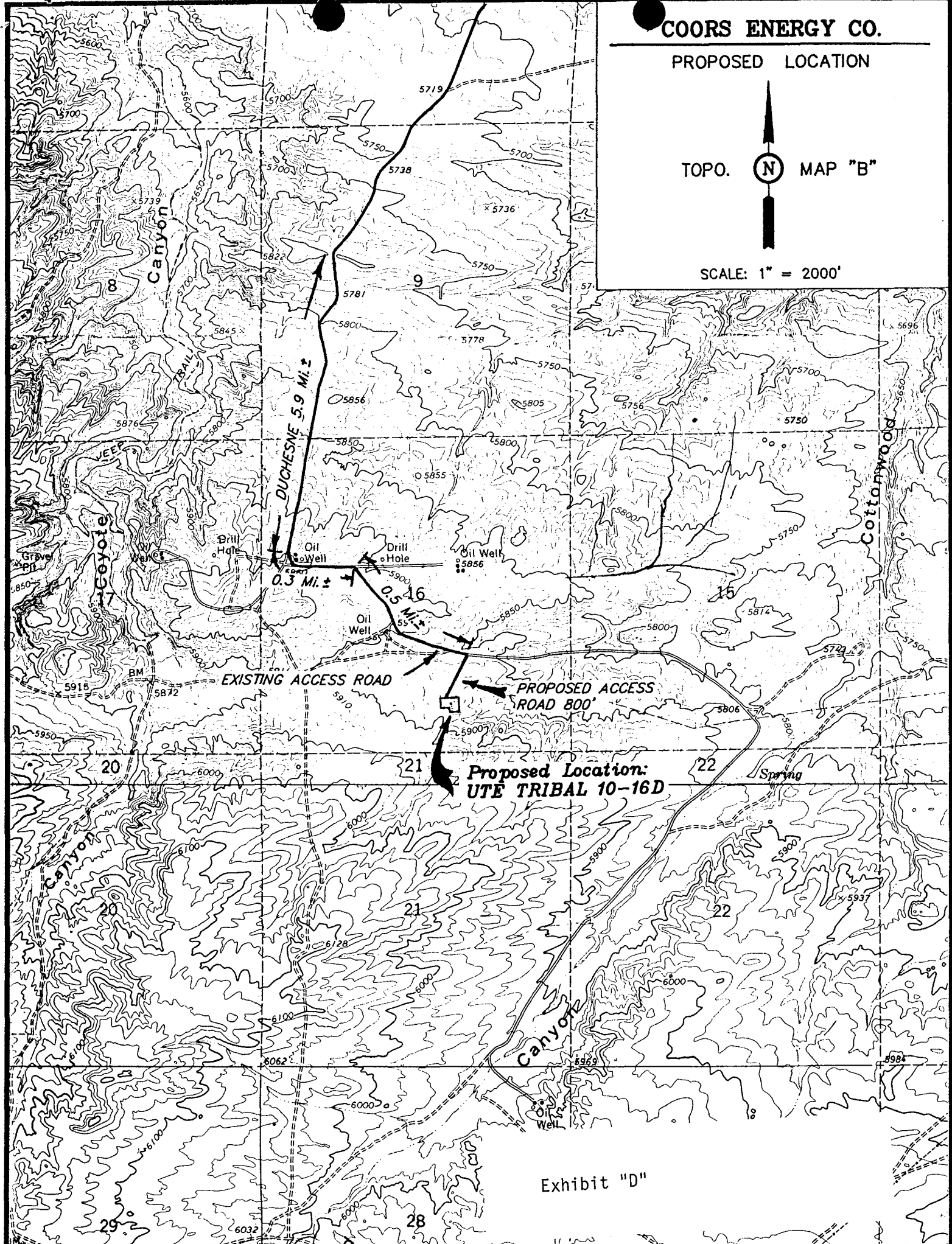


Exhibit "D"

T 4 S , R 4 W , U. S. B. & M.

— Sec. 16

1/4 Section Line

BEGINNING OF ROAD
RIGHT-OF-WAY
STA. 0+00

Exist. Road

S61°23'54"W
2079.51'

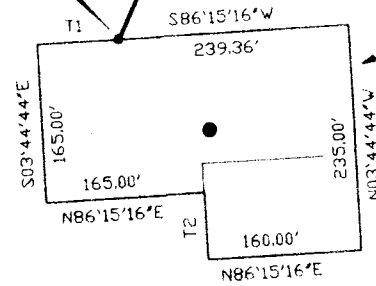
SE 1/4

END OF ROAD
RIGHT-OF-WAY
STA. 8+00.95

Centerline of Road
Right-of-Way

DAMAGE AREA
UTE TRIBAL 10-16D
(Contains 1.49 Acres)

1/4 Section Line



To End of Road

N66°55'08\"/>

NR.	BEARING	TANGENT
T1	S86°15'16"W	85.64'
T2	S03°44'44"E	70.00'

▲ = SECTION CORNERS LOCATED.

Section Line

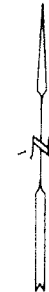
COORS ENERGY CO.

**ROAD RIGHT-OF-WAY
& DAMAGE AREA**

(FOR UTE TRIBAL 10-16D)

LOCATED IN
SECTION 16, T4S, R4W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

(U.E.L.S. Alum. Cap
on 5/8" Rebar.)



DESCRIPTIONS

ROAD RIGHT-OF-WAY

BEGINNING AT A POINT IN THE SE 1/4 OF SECTION 16, T4S, R4W, U.S.B.&M. WHICH BEARS S61°23'54"W 2079.51' FROM THE EAST 1/4 CORNER OF SAID SECTION, THENCE S23°02'15"W 800.95' TO A POINT IN THE SAID SE 1/4 WHICH BEARS N66°55'08"W 2325.32' FROM THE SOUTHEAST CORNER OF SAID SECTION.

BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SAID SECTION WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH A MEASURED DISTANCE OF 2644.17'. CONTAINS 0.55 ACRES MORE OR LESS.

DAMAGE AREA

BEGINNING AT A POINT IN THE SE 1/4 OF SECTION 16, T4S, R4W, U.S.B.&M. WHICH BEARS N66°55'08"W 2325.32' FROM THE SOUTHEAST CORNER OF SAID SECTION, THENCE S86°15'16"W 85.64'; THENCE S3°44'44"E 165.00'; THENCE N86°15'16"E 165.00'; THENCE S3°44'44"E 70.00'; THENCE N86°15'16"E 160.00'; THENCE N3°44'44"W 235.00'; THENCE S86°15'16"W 239.36' TO THE POINT OF BEGINNING.

BEARINGS
(measured)

Section Line

NORTH - BASIS
2644.17' (Me

BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SAID SECTION WHICH
IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH A MEASURED DISTANCE
OF 2644.17'. CONTAINS 1.49 ACRES MORE OR LESS.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Jelison Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

(U.F.L.S. Alum. Cap
on 5/8" Rebar.)

Uintah Engineer & Land Surveying

P.O. BOX 1758 PHONE 789-1017
85 SOUTH 200 EAST VERNAL UTAH 84078

SCALE 1" = 200'

DATE 11-16-88

DRAWN J.R.S.

L.D.T. APPROVED

Surveyed by

OPERATOR Coors Energy Co. DATE 12-2-88
WELL NAME Ute Tribal 10-16D
SEC SWSE 16 T 4S R 4W COUNTY Duchesne

43-013-31224
API NUMBER

Indian
TYPE OF LEASE

CHECK OFF:

☒ PLAT

☒ BOND

☒ NEAREST
WELL

☒ LEASE

☒ FIELD

☒ POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other well within 920'
Water Permit #88-43-11 / 43-9594 / A60177
12-6-88 per. Mr. Sprague sec. 16 not sec. 10.

APPROVAL LETTER:

SPACING: ☐ R615-2-3 _____ UNIT

☒ R615-3-2

☐ _____
CAUSE NO. & DATE

☐ R615-3-3

STIPULATIONS:

Cause No. 139-54 upper wasatch formation only. Proposed zone GRV.
1. In accordance with Cause No. 139-54, the operator
shall not complete the well for production from the
Wasatch formation



Norman H. Bangarter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

December 8, 1988

Coors Energy Company
P. O. Box 467
Golden, Colorado 80402

Gentlemen:

Re: Ute Tribal 10-16D - SW SE Sec. 16, T. 4S, R. 4W - Duchesne County, Utah
818' FSL, 2043' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. In accordance with Cause No. 139-54, the operator shall not complete the well for production from the Wasatch formation.

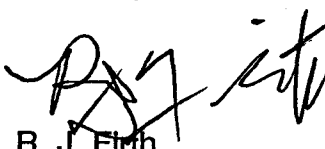
In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31224.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
WE14/1-2



P.O. BOX 467 GOLDEN, COLORADO 80402

December 14, 1988

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Attn: Minerals Division

RE: Ute Tribal 10-16D
Section 16, T4S-R4W
Duchesne County, Utah

Gentlemen:

43-013-31224

RECEIVED
DEC 16 1988

DIVISION OF
OIL, GAS & MINING

Enclosed is a Threatened and Endangered Species Survey for the above referenced well. Please attache this study to the Application for Permit to Drill submitted 12/2/88 to your office.

You will also find attached a corrected APD form 3160-3 in which the Section has been corrected to read Section 16 and not Section 10 for the above referenced well.

If you are in need of any further information, please feel free to contact me at (303) 278-7030.

Very truly yours,

Janet Finley

Janet Finley
Production Department

/jff

cc & enclosures: State of Utah, Division of Oil, Gas & Mining
Ute Tribal Headquarters
Bureau of Indian Affairs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

NAME OF OPERATOR
Coors Energy Company

ADDRESS OF OPERATOR
PO Box 467, Golden, CO 80402

LOCATION OF WELL (Report location clearly and in accordance with state requirements.)*
At surface 2043'fel, 818'fsl, SW/4/SE/4

At proposed prod. zone
same

DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
approx 3.75 miles SE of Duchesne

DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)
818'

DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1900'

ELEVATIONS (Show whether DF, RT, GR, etc.)
5892'CL 5906'KB

RECEIVED
DEC 16 1988

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

I-109-IND-5351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribal

9. WELL NO.

10-16D

10. FIELD AND POOL, OR WILDCAT

Duchesne

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 16, T4S-R4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL

16. NO. OF ACRES IN LEASE
4150.06

10. PROPOSED DEPTH
6365'

20. ROTARY OR CABLE TOOLS
rotary

22. APPROX. DATE WORK WILL START
Dec. 88- Jan. 89

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.00# K-55	375'	280 sks circ cmt to surface
7-7/8"	5-1/2"	15.50# J-55	6365'	1600 sks est. TOC 1500'

All casing is new with 8 rd. threads.
This well will be spudded in the Uinta Formation.

DRILLING PROGRAM:

- Surface Formation & est Formation tops:
Tgrudc 5175', Base B lime 5630', Castle Peak 6160', TD 6365'.
- Oil & gas is expected in the Green River Formation. No aquifers or other mineral zones are anticipated.
- Pressure Control Equipment: Will consist of 3000 psi double rams & a rotating head. Casing strings will be pressure tested before drilling out shoes. BOP equipment will be pressure tested before drilling out casing shoes. See a copy of the BOP diagram, Exhibit "J".
- Casing Program: See above Proposed Casing & Cementing Program.
Auxiliary Equipment: Float will be run in the drill string, a full

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout entry program, if any.

SIGNED Larry Campbell DIRECTOR
TITLE Energy Operations DATE 11/30/88
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

THREATENED AND ENDANGERED SPECIES SURVEY
OF TWO PROPOSED WELL SITES

This Report Covers Wells:

Ute Tribal 4-10D
Ute Tribal 10-16D

PREPARED FOR

COORS ENERGY CO.
P.O. BOX 467
GOLDEN COLORADO 80402

PREPARED BY

PETER E. KUNG
BIOLOGICAL CONSULTING
P.O. BOX 16708
COLORADO SPRINGS COLORADO 80935

Dec. 5, 1988

THREATENED AND ENDANGERED SPECIES SURVEY
OF TWO PROPOSED WELL SITES

On Dec. 2, 1988 two proposed well sites and access corridors leading to these well sites were surveyed for listed and candidate Threatened and Endangered species. The survey was conducted for Coors Energy Co.

The two proposed well sites and access corridors were inspected for presence of Threatened and Endangered (T & E) species and habitat components suggesting potential value of the sites for T & E species. The six T & E species searched for during the survey are peregrine falcon, bald eagle, whooping crane, black-footed ferret, Colorado River squawfish, and the Uinta Basin hookless cactus. In addition, eight species that are currently candidates for addition to the T & E species list were searched for: ferruginous hawk, Swainson's hawk, white-faced ibis, long-billed curlew, mountain plover, snowy plover, razorback sucker, and Barneby peppergrass.

The surveyed area at each well site was about 2 acres, large enough to include an undisturbed buffer zone around the proposed drill pad. The access corridor was surveyed for 25 feet either side of the proposed road centerline. The survey was conducted by walking back-and-forth over the proposed well site and access corridor such that all areas to be disturbed could be inspected. In addition, a search for raptor nests was conducted in all appropriate habitat within 0.25 miles of the proposed well site and with 0.10 miles of the proposed access corridor. Special attention was given to cliffs, large trees, and other sites frequently used for nesting. During the survey, physical,

floral, and faunal characteristics of each site were assessed.

No T & E species were observed, nor was there any sign (e.g., tracks, feces, nests, burrow, etc.) that suggests such species had occurred on the sites in the recent past. Data on the physical and floristic characteristics of the sites indicate that little appropriate habitat exists in this area for the 14 species considered. Below, the potential for each species to occur on the sites is discussed.

Colorado River Squawfish - Not a possible inhabitant. This fish inhabits large rivers in the Uinta Basin such as the Green River and lower portion of the Duchesne River. It has never been recorded in small perennial streams such as those found near Duchesne, Utah. No appropriate habitat exists for this species in the areas surveyed.

Razor-back sucker - Not a possible inhabitant. This fish inhabits large rivers in the Uinta Basin such as the Green River and lower portion of the Duchesne River. It has never been recorded in small perennial streams such as those found near Duchesne, Utah. No appropriate habitat exists for this species in the areas surveyed.

Whooping crane - This species is a rare migrant over the Uinta Basin, stopping rarely to forage in plowed fields, wet meadows, and marshland (e.g., Ouray Wildlife Refuge in 1976 and 1977, Pelican Lake, and Stewart Lake). Appropriate habitat exists for this species near the areas surveyed, specifically along the Duchesne River. However, this bird's migration route takes it across a more eastern section of the Uinta Basin, almost

eliminating its occurrence in this region. No appropriate habitat exists for this species in the areas surveyed.

White-faced ibis - This species is an uncommon to fairly common summer resident in the Uinta Basin, frequenting irrigated cropland, pastures, and marshes along flood plains of major rivers. White-faced ibis have been recorded from the Green River, Ashley Creek marsh, Pariette Wetlands, and Pelican Lake. Appropriate habitat exists for this species near the areas surveyed, specifically along the Duchesne River. Nevertheless, development and production will not interfere with this bird's productivity. No appropriate habitat exists for this species in the areas surveyed.

Long-billed curlew - This curlew is an uncommon to fairly common migrant in the Uinta Basin; no documented breeding records exists. On migration, it visits pastures, arid grassland, and shorelines. Most records are from the Pariette Wetlands, Jensen, Vernal, and Pelican Lake areas. Appropriate habitat exists for this species near the areas surveyed, specifically along the Duchesne River. Nevertheless, development and production of the wells will not interfere with this bird's migration. No appropriate habitat exists for this species in the areas surveyed.

Mountain plover - There are no documented records for this species in the western part of the Uinta Basin. Where it does occur, it nests in open plains at moderate elevations. The shadscale-sagebrush habitat, which is an important vegetation type in the region, is at best marginal habitat for mountain plovers. None are expected at these well sites.

Snowy plover - There are no documented records for snowy plovers in the western part of the Uinta Basin. These small plovers inhabit mudflats and alkali flats during both migration and the breeding season. No appropriate habitat exists for this species in the areas surveyed.

Swainson's hawk - This hawk is a fairly common summer resident in the Uinta Basin. It nests in deciduous trees in riparian woodlands, shelter-belts, and occasionally in scattered junipers. It forages widely, including shrubland and pinyon-juniper woodland. The most important breeding habitat in the region is the Duchesne River floodplain. Some of the study sites may be used occasionally for foraging and the nearby riparian woodland along the Duchesne River for nesting. Well development and production will not interfere with this hawk's productivity.

Ferruginous hawk - The ferruginous hawk is an uncommon to fairly common permanent resident in the Uinta Basin. It is usually found in open country (shrubland, grassland) but may be found in pinyon-juniper habitat as well. It usually nests on the ground or atop isolated pinyons or junipers and has been recorded near Myton, Pleasant Valley, and Roosevelt. This species could forage and nest in open, shrub-dominated vegetation types. It is not yet confirmed in this area as a nester, but could occur as a migrant or transient. Well development and production will not interfere with this hawk's well-being.

Bald eagle - Bald eagles are fairly common to common winter visitors in the Uinta Basin, wintering primarily in deciduous riparian habitat and foraging widely during the day. Numerous

individuals winter along the Duchesne River. Occasional sightings of bald eagles foraging near the proposed well sites should be expected in winter. Well development and production will not interfere with this eagle's survival.

Peregrine falcon - Peregrine falcons are rare breeding residents in the Uinta Basin (e.g., Split Mountain at Dinosaur National Monument). They prefer deep canyons where they nest in the high, inaccessible cliffs. They forage widely. No good breeding sites exist for this species in the area surveyed. However, this species should be looked for as a rare migrant in the region.

Black-footed ferret - There are no published records of this ferret in the Uinta Basin although several unconfirmed sightings have been made east of Vernal and in the Pelican Lake area. Black-footed ferrets are thought to occur only in large prairie dog towns where they feed almost exclusively on prairie dogs. No prairie dog colonies were found during the surveys.

Uinta Basin hookless cactus - This cactus occurs in arid shrubland, usually in the Green River geologic formation. Some specimens have been found in the Uinta Formation (e.g., the Synfuels Shale Oil Development site), however, no specimens have been recorded in pinyon-juniper woodland.

Barneby peppergrass - Barneby peppergrass (which is not a grass but a low-growing, perennial mustard) occurs on barren ridges in pinyon-juniper woodland. The only known population is 3.5 miles southwest of Duchesne, north of Indian Canyon. A superficially similar mustard, Lesquerella subumbellata, which is not threatened or endangered, also occurs in the region. No

appropriate habitat exists near any of the well sites.

In summary, only a few of the 14 T & E species listed are likely to occur at the areas surveyed, but none of these were encountered. With respect to T & E species, the two proposed drill pads and access corridors should be considered non-critical habitat. //

Descriptions of the two proposed well sites and access corridors follow.

SITE DESCRIPTION

SITE NAME: Ute-tribal #4-10D Access Road

SITE LOCATION: Sec 10 T4S R4W NE 1/4 SE 1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5700 ft.

Topography: Begins crossing small drainage, up sidehill to ridge top and down to sidehill site.

Substrate: Gravelly clay loam

Length: Approx. 2000 ft.

FLORAL CHARACTERISTICS

Habitat Type: Mixed desert shrub (Art Nov) thru juniper drainage to mixed desert shrub.

Percent Ground Cover: <1% trees: 10-25% shrubs; 5-15% grass/forb

Canopy Height: 6 ft. trees, 8 in. shrubs

Dominant Shrubs and Trees (in Order of Abundance):

Artemisia nova, Tetradymia nuttallii, Atriplex confertifolia, Gutierrezia sarothrae, Eriogonum spp., Artemisia spinescens, Artemisia pygmaea, Juniperus osteosperma

Common Forbs and Grasses:

Hilaria jamesii, Sitanion hystrix, Bouteloua gracilis, Bromus spp.

Miscellaneous:

FAUNAL CHARACTERISTICS

Vertebrates Observed On and Near Site: Desert cottontail

Wildlife Sign: Antelope tracks and scat, heard Horned lark, heard Mtn. Bluebird

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: None

Potential Threatened and Endangered Species: Passage of Swainson's and Ferruginous Hawks, Bald Eagle, and Prairie Falcons.

Potential Ecological Sensitivity: Low

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
12/2/88, 0-5 mph wind, 34 F, clear, dry
S:10:45 E:13:00

SITE DESCRIPTION

SITE NAME: Ute-tribal #4-10D well site

SITE LOCATION: Sec 10 T4S R4W NE 1/4 SE 1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5685 ft.

Topography: Side hill, NNE exposure

Substrate: Gravelly clay loam, some desert pavement

Length:

FLORAL CHARACTERISTICS

Habitat Type: Mixed desert shrub, Art Nov dominant

Percent Ground Cover: <1% trees; 20% shrubs, 10% grass/forb

Canopy Height: 6 ft. trees, 10 in. shrubs

Dominant Shrubs and Trees (in Order of Abundance):

Artemisia nova, Atriplex confertifolia, Juniperus
osteosperma

Common Forbs and Grasses:

Hilaria jamesii, Bromus tectorum, Oryzopsis hymenoides,
Bouteloua gracilis, Gutierrezia sarothrae, ceratoides
lanata

Miscellaneous:

Opuntia polyacantha, Ephedra spp, Lepidium montanum

FAUNAL CHARACTERISTICS

Vertebrates Observed On and Near Site: Mtn. Bluebird,
Horned Lark, Townsend's Solitaire, Black billed magpie.

Wildlife Sign: Antelope tracks and scat

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: None

Potential Threatened and Endangered Species: Passage of
Swainson's and Ferruginous hawks, Bald eagle, and
Prairie falcons.

Potential Ecological Sensitivity: Low

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
12/2/88, 0-5 mph wind, 34 F clear, dry
S:10:45 E:13:00

SITE DESCRIPTION

SITE NAME: Ute-tribal #10-16D Access Road

SITE LOCATION: Sec 16 T4S R4W SW 1/4 SE 1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5875 ft.
Topography: Small drainage NNW slope <5%
Substrate: Gravelly clay loam
Length: Approx. 1000 ft.

FLORAL CHARACTERISTICS

Habitat Type: Mixed desert shrub
Percent Ground Cover: 5% shrubs; 25% grass/forb
Canopy Height: 6 in. shrubs
Dominant Shrubs and Trees (in Order of Abundance):
 Artemisia nova, *Artemisia pygmaea*, *Artemisia frigida*,
 Tetradymia nuttallii, *Artemisia confertifolia*,
 Chrysothamnus nauseosus, *Artemisia tridentata*,
 Sarcobatus vermiculatus, *Juniperus osteosperma*
Common Forbs and Grasses:
 Oryzopsis hymenoides, *Hilaria jamesii*, *Gutierrezia*
 sarcobata, *Eriogonum* spp., *Bromus tectorum*, *Bromus* spp.
Miscellaneous:
 Opuntia polyacantha, *Halogeton glomeratus*

FAUNAL CHARACTERISTICS

Vertebrates Observed On and Near Site: Desert cottontail,
 Horned lark

Wildlife Sign: Antelope tracks and scat
Permanent Water: None
Observed Threatened and Endangered Species: None
Raptor Nests: None
Potential Threatened and Endangered Species: Passage of
 Swainson's and Ferruginous Hawks, Bald Eagle and Prairie
 Falcons.

Potential Ecological Sensitivity: Low

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
12/2/88, 0-5 mph wind, 25 F, dry
S:8:30 E:10:30

SITE DESCRIPTION

SITE NAME: Ute-tribal #10-16D Well Site

SITE LOCATION: Sec. 16, T4S R4W SW 1/4 SE 1/4

PHYSICAL CHARACTERISTICS

Elevation: Approx. 5895 ft.
Topography: Small drainage NW slope <5%
Substrate: Gravelly clay loam
Length:

FLORAL CHARACTERISTICS

Habitat Type: Pinyon Juniper at edge of opening (mixed desert shrub)
Percent Ground Cover: 10% trees; 10% shrub; 10% grass/forb
Canopy Height: 8 ft. trees, 10 in. shrubs
Dominant Shrubs and Trees (in Order of Abundance):
Juniperus osteosperma, Artemisia pygmaea, Artemisia nova, Atriplex confertifolia, Eriogonum spp, Astragalus spp.

Common Forbs and Grasses:

Hilaria jamesii, Oryzopsis hymenoides, Leptodactylon pungens

Miscellaneous:

FAUNAL CHARACTERISTICS

Vertebrates Observed On and Near Site: Horned Lark, Desert cottontail, Blacktailed jackrabbit

Wildlife Sign: Antelope tracks and scat

Permanent Water: None

Observed Threatened and Endangered Species: None

Raptor Nests: None

Potential Threatened and Endangered Species: Passage of Swainson's and Ferruginous Hawks, Bald Eagle, and Prairie Falcons.

Potential Ecological Sensitivity: Low

OBSERVER: Peter E. Kung, B.S., Wildlife Biologist
12/2/88, 0-5 mph wind, 25 F, very limited and spotty snow cover.
S:8:30 E:10:30



RECEIVED
JAN 03 1989

DIVISION OF
OIL, GAS & MINING

December 27, 1988

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Attn: Minerals Division

RE: Ute Tribal 10-16D
Section 16, T4S-R4W
Duchesne County, Utah
43-113-31224

Gentlemen:

Enclosed is a copy of the Private Landowner's Surface Agreement for the above referenced well. Note the inclusion on page two, paragraph two, of the archeological evaluation waiver statement. Please attach this document to the Application for Permit to Drill submitted to your office on 12/2/88.

If you are in need of any further information, please feel free to contact me at (303) 278-7030.

Very truly yours,

Janet Finley

Janet Finley
Production Department

/jff

cc & encl: State of Utah, Div of Oil, Gas & Mining
Ute Tribal Headquarters
Bureau of Indian Affairs

Ute 10-167



SUBJECT: Lease Agreement

LOCATION: Township 4 South, Range 4 West, and Access Road
Section 16
Duchesne County, Utah

I, Dora M. Riley, do hereby accept a surface damage payment from Coors Energy Company, P.O. Box 467, Golden, Colorado 80401, on acreage I own in Section, T4S-R4W, a plat of which is attached. The drill site and new access road to be constructed comprises more or less a total of 2.3± acres which includes a 30' access road and the proposed Ute Tribal 10-16D pad site. I agree that I am the owner of record. This agreement provides Coors Energy and its successors permission to construct and maintain the access road, pad site and any required tank batteries, surface facilities and pipelines necessary to drill, complete, and operate the well through abandonment as long as all damages are confined to the damage area.

It allows the laying and operation of a pipeline bundle to be run parallel to and alongside of the access road. I will allow a 10' X 10' X 10' produced water/flare pit to be constructed and retained on the pad site to allow for produced water of up to five barrels per day to be put into the unlined pit. The pit will be fenced with 39" sheep wire and a top strand of barbed wire. The fence will be maintained by Coors Energy. No cattle guards or other location fencing is anticipated, however, should I decide to fence the area, Coors may need to construct and install cattle guards as required on the access road and pad site.

Lease Agreement
Page Two

In the event the well in Section 16 is a dry hole or upon producing and subsequent abandonment of the well and facilities, Coors Energy will reclaim the access road and pad site within 90 days of such an event, weather permitting. The reclaimed land in Section 16 will be planted with appropriate seed mixture common to such a project in the area.

I also waive the requirement of an archeological evaluation on the proposed access road and pad site.

To allow Coors Energy the above, I accept a one time only damage payment of \$1,000.00 per acre for the Ute Tribal 10-16D access road and pad site. This amount for the 2.3± acres is \$2,300.00. By signing below I acknowledge a total settlement of \$2,300.00 for all of the above damages.

*I acknowledge receipt of Coors Energy Company as listed below:

Dora M. Riley: 2.3± acres at \$1,000.00 per acre = \$2,300.00

Dora M. Riley
Dora M. Riley

Soc. Sec. No.: 518-04-3077

COORS ENERGY COMPANY:

By: Joseph H. Lorenzo
Joseph H. Lorenzo
Land Supervisor

Date: 12-21-88

*Payment to be made after January 1, 1989
to Dora Riley
3389 S. 2000 W.
Rexburg, Id. 83440

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Coors Energy Company

3. ADDRESS OF OPERATOR
PO Box 467, Golden, CO 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 2043'fel, 818'fsl, SW/4/SE/4
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
approx 3.75 miles SE of Duchesne

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 818'

16. NO. OF ACRES IN LEASE 4150.06

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1900'

19. PROPOSED DEPTH 6365'

20. ROTARY OR CABLE TOOLS rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5892'GL 5906'KB

22. APPROX. DATE WORK WILL START
Dec. 88- Jan. 89

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.00# K-55	375'	280 sks circ cmt to surface
7-7/8"	5-1/2"	15.50# J-55	6365'	1600 sks est. TOC 1500'

All casing is new with 8 rd. threads.
This well will be spudded in the Uinta Formation.

DRILLING PROGRAM:

- Surface Formation & est Formation tops:
Tgrudc 5175', Base B lime 5630', Castle Peak 6160', TD 6365'.
- Oil & gas is expected in the Green River Formation. No aquifers or other mineral zones are anticipated.
- Pressure Control Equipment: Will consist of 3000 psi double rams & a rotating head. Casing strings will be pressure tested before drilling out shoes. BOP equipment will be pressure tested before drilling out casing shoes. See a copy of the BOP diagram, Exhibit "J".
- Casing Program: See above Proposed Casing & Cementing Program.
Auxiliary Equipment: Float will be run in the drill string, a full

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Larry Campbell DIRECTOR
Larry Campbell TITLE Energy Operations DATE 11/30/88
(This space for Federal or State office use)

PERMIT NO. 43-013-31224

APPROVED BY Harold E. Knepper
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL DATE
ASSISTANT DISTRICT
MANAGER MINERALS
DATE 1/3/89

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Div OGM

ENTITY ACTION FORM - DOGM FORM 6

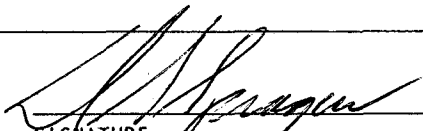
OPERATOR Coors Energy Company
ADDRESS PO Box 467, Golden, CO 80402

OPERATOR CODE N5090
PHONE NO. 303, 278-7030

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10964	43-013-31224	Ute Tribal 10-16D	SW/SE	16	4S	4W	Duchesne	1/10/89	1/10/89
COMMENTS: Indian - Lease Proposed Zone - GRRV Field - Duchesne (Assign new entity on 1-25-89) for Not in a Unit											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											

ACTION CODES: A - ESTABLISH NEW ENTITY FOR NEW WELL
B - ADD NEW WELL TO EXISTING ENTITY
C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
E - OTHER (EXPLAIN IN COMMENTS SECTION)
(SEE INSTRUCTIONS)


SIGNATURE D.S. Sprague
Manager, Engineering Services
TITLE _____ DATE _____

memorandum

DATE: December 5, 1988

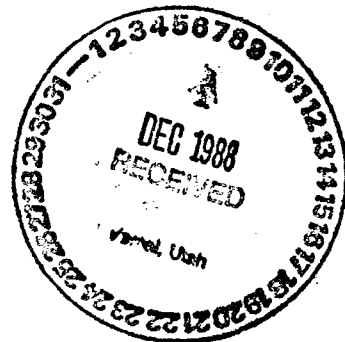
REPLY TO
ATTN OF: Superintendent, Uintah and Ouray AgencySUBJECT: Coors Energy Company: Ute Tribal Well 10-16D
Sec. 16-T4S-R4W, Fee SurfaceTO: Bureau of Land Management, Vernal District Office
Attention: Mr. Tim O'Brian

We recommend approval of the Application for Permit to Drill on the subject wells.

Based on available information received on November 18, 1988, we have cleared the proposed location in the following areas of environmental impact.

YES <input type="checkbox"/>	NO <input type="checkbox"/>	Listed threatened or endangered species.
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Critical wildlife habitat.
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Archaeological or cultural resources.
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Air quality aspects (to be used only if
		Project is in or adjacent to a Class I
		area of attainment)
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Other (if necessary)

REMARKS: FEE SURFACE; BLM STIPULATIONS

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL
WITHIN THE UINTAH OURAY RESERVATION

Company Coors Energy Company Well No. Ute Tribal 10-16D
Location SW/SE Sec. 16 T.4S. R.4W. Lease No. I-109-IND 5351

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3160), Onshore Oil and Gas Orders and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. and individual components shall be operable as designed.

* * The 3M BOPE system identified by Coors Energy Company does not meet the minimum requirements of Onshore Oil and Gas Order No. 2.

Therefore, as a minimum, an annular preventer shall also be utilized and tested according to the requirements of the Order.

Coors Energy Company has the right to request a variance to this stipulation if documentation can be provided that a 2M BOPE system would be adequate.

The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative present while pressure testing.

3. Casing Program and Auxiliary Equipment

Usable water may be encountered at depths of + 700-820 ft. in the Uinta Formation and from + 1000-1200 ft. and + 3200-3600 ft. in the Green River formation. The Mahogany oil shale and L1 oil shale have been identified from + 3211-3410 and 3476-3570 ft., respectfully. Therefore, the resources will be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight.

A cement bond log (CBL), or some other means acceptable to the authorized officer, shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the authorized officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations.

and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An additional one (1) year approval period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hour approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka
Petroleum Engineer

(801) 781-1190

Ed Forsman
Petroleum Engineer

(801) 789-7077

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API NO. 43-013-31224

NAME OF COMPANY: COORS ENERGY

WELL NAME: UTE TRIBAL 10-16D

SECTION SWSE 16 TOWNSHIP 4S RANGE 4W COUNTY DUCHESNE

DRILLING CONTRACTOR LEON ROSS

RIG #

SPODDED: DATE 1/10/89

TIME 1:00 p.m.

HOW DRY HOLE

DRILLING WILL COMMENCE EXETER DRILLING UNKNOWN DATE

REPORTED BY JANET FINLEY

TELEPHONE 303-278-7030

DATE 1/11/89 SIGNED TAS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL I-109-IND-5351
2. NAME OF OPERATOR Coors Energy Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402	7. UNIT AGREEMENT NAME -----
4. LOCATION OF WELL (Report location clearly and in accordance with requirements of the Division of Oil, Gas & Mining.) See also space 17 below.) At surface 818'fsl, 2043'fel, SW/4SE/4	8. FARM OR LEASE NAME Ute Tribal
	9. WELL NO. 10-16D
	10. FIELD AND POOL OR WILDCAT Duchesne
	11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Sec 16, T4S-R4W
14. PERMIT NO 43-013-31224	12. COUNTY OR PARISH Duchesne
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5892'GL	13. STATE Utah

RECEIVED
JAN 20 1989
DIVISION OF OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) Spud date <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1/11/89 MIRU Leon Ross RH rig, spud 12-1/4" hole at 1:00 PM on 1/10/89.
Drill to 225'. SDON.

Will TD on 1/11/89 & run csg on 1/12/89.

1/12/89 Drill 12-1/4" hole to 422', had minor wtr inflow at 100' & 200'.

1/13/89 Ran 9 jts 8-5/8" 24.00# csg (379.96'), pumped 2 sks gel w/10 bbls wtr & 280 sks Class G cmt w/2% CaCl, 1/4 # Flowseal. Circ cmt to surf, dropped plug, displaced w/22 bbls wtr, left 30' cmt in csg.

1/13 to
1/17/89 WO drilling rig.

18. I hereby certify that the foregoing is true and correct

SIGNED <u>D.S. Sprague</u>	TITLE <u>Manager Engineering Services</u>	DATE <u>1/17/89</u>
(This space for Federal or State office use)		

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. I-109-IND-5351
2. NAME OF OPERATOR Coors Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402		7. UNIT AGREEMENT NAME ---
4. LOCATION OF WELL (Report location clearly and in accordance with any lease requirements. See also space 17 below.) At surface 2043'FEL, 818'FSL, SW/4SE/4		8. FARM OR LEASE NAME Ute Tribal
14. API NUMBER 43-013-31224		9. WELL NO. 10-16D
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5892'GL		10. FIELD AND POOL, OR WILDCAT Duchesne
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 16, T4S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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MAY 20 1989

DIVISION OF
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Progress Report

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1/13 to

3/22/89 WO drilling rig. MIRU Exeter Rig #7 to commence drilling operations.

3/23 to

3/27/89 Resumed drilling 3/25/89, drilled to 1110' this AM and drilling ahead.

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]
D. S. Sprague

TITLE

Manager

DATE

3-27-89

(This space for Federal or State office use)

Engineering Services

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen wells. Use "APPLICATION FOR PERMIT" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

I-109-IND-5351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribal

9. WELL NO.

10-16D

10. FIELD AND POOL, OR WILDCAT

Duchesne

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 16, T4S-R4W

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

1. OIL WELL ☒ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Coors Energy Company

3. ADDRESS OF OPERATOR

PO Box 467, Golden, Colorado 80402

DIVISION OF
OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

2043' FEL, 818' FSL, SW/4SE/4

14. API NUMBER

43-013-31224

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5892' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

REPAIRING WELL

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

Progress Report

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3/27 to

3/31/89

Continuing to drill ahead. This AM, at 3170'.

18. I hereby certify that the foregoing is true and correct

SIGNED

Larry Campbell
Larry Campbell

TITLE

Director, Energy Operations

DATE

April 3, 1989

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WESTERN PETROLEUM
SERVICES
CEMENTING REPORT

DATE 4-7-89 DISTRICT Vernal F.R.# 944767
OPERATOR Coors Energy Co.
WELL NAME & NUMBER Ute Tribal 10-16D
LOCATION: SEC. 16 BLOCK OR TOWNSHIP 4S SURVEY OR RANGE 4W
COUNTY Duchesne STATE Utah
STAGE NUMBER 1-5 TYPE JOB P & A

TBG/DP: Size <u>4 1/2</u> Weight <u>16.6</u> Disp <u>.0142</u>		Conductor	Surface	Int.	Prod.	Liner
Perforated Interval	Size		8 5/8			
Pkr. Type Set at	Weight		24 #			
Open Hole Size Formation	Thread		8 RD			
Stage Collar Type Set at	Capacity					
Estimated Wash Out %	Depth		400			

Sacks or Bbls.	Composition of Cement and Spacer	Gals/sk H ₂ O	Weight Lb/Gal	Yield Ft 3	Pump Time Hours	TOTAL Cu. Ft.	TOTAL Bbls.
61	Class G Neat	4.96	15.6 #	1.14	2 1/2	69.5	12.4
81	Class G Neat	4.96	15.6 #	1.14	2 1/2	92.3	16.5
122	Class G & 3% CaCL ₂	4.96	15.6 #	1.14	2 1/2	139	24.8
79	Class G & 3% CaCL ₂	4.96	15.6 #	1.14	2 1/2	90	16
37	Class G & 3% CaCL ₂	4.96	15.6 #	1.14	2 1/2	42	7.5

Total Mix H₂O _____ Bbls. Total Displacement _____ Bbls, Type _____ Total Products _____ Bbls

Time	Remarks	Rate	Pressure	
			Tubing	Casing
12:14	Start H ₂ O Ahead 8 BBLs.	2.5	0	
12:17	Start Cement 12.7 BBLs (6219-6019)	2.5	0	
12:23	Start H ₂ O behind 2 BBL.	2.0	0	
12:24	Start displacement 83 BBL.	4.0	100	
12:45	Shut down.	4.0	150	
1:25	Start H ₂ O ahead 5 BBL.	2.5	0	
1:28	Start Cement 16.5 BBL (4758-4558)	2.5	0	
1:36	Start H ₂ O behind 1 BBL.	2.0	50	
1:36	Start displacement 63.5 BBLs.	3.2	50	
1:55	Shut down.	3.2	50	
5:30	Start H ₂ O ahead 8 BBLs.	3.0	0	
5:33	Start Cement 24.8 BBL (2514-2314)	4.0	0	
5:39	Start H ₂ O behind 1 BBL.	5.0	0	
5:39	Start displacement 31.8 BBL.	5.0	100	
5:45	Shut down.	5.0	0	
9:10	Tagged Plug at 2309			

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APR 13 AM

QUINCY DAVIS

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APR 13 1989

COORS ENERGY COMPANY

Break Down At _____ BPM At _____ PSI
Squeezed To _____ PSI Running _____ Hesitation _____
Reversed out _____ BBL Slurry at _____ PSI
Customer considered service ☒ Satisfactory
_____ Unsatisfactory

Customer Rep: WHITE

Max Pressure _____ Differential Press. _____
Bumped Plug _____ Yes _____ No _____ Pressure to _____
Cmt. Circ. to surface _____ Sacks _____
Float Held _____ Yes _____ No _____
Shut in with _____ PSI

Service Supervisor WES MOBLEY

CEMENTING REPORT

DATE 4-7 -89 DISTRICT Vernal F.R.# 944767
OPERATOR Coors Energy Co.
WELL NAME & NUMBER Ute Tribal 10-16D
LOCATION: SEC. 16 BLOCK OR TOWNSHIP 4 S SURVEY OR RANGE 4W
COUNTY Duchesne STATE Utah
STAGE NUMBER 4 & 5 TYPE JOB P & A

TBG/DP: Size <u>4 1/2</u> Weight <u>16.6</u> Disp <u>.0142</u>		Conductor	Surface	Int.	Prod.	Liner
Perforated Interval _____	Size		8 5/8			
Pkr. Type _____ Set at _____	Weight		24 #			
Open Hole Size _____ Formation _____	Thread		8 RD			
Stage Collar Type _____ Set at _____	Capacity					
Estimated Wash Out _____ %	Depth		400'			

Sacks or Bbls.	Composition of Cement and Spacer	Gals/sk H ₂ O	Weight Lb/Gal	Yield Ft 3	Pump Time Hours	TOTAL Cu. Ft.	TOTAL Bbls.
79	G & 3% CaCL ₂	4.96	15.6	1.14	2	90	16.4
37	G Neat	4.96	15.6	1.14	2½	42	7.5

Total Mix H₂O _____ Bbls. Total Displacement _____ Bbls, Type _____ Total Products _____ Bbls

[illegible]

Break Down At _____ BPM At _____ PSI
Squeezed To _____ PSI Running _____ Hesitation _____
Reversed out _____ BBL Slurry at _____ PSI
Customer considered service _____ X _____ Satisfactory
Un satisfactory

Customer Rep: WHITE

Max Pressure _____ Differential Press. _____
Bumped Plug ____ Yes ____ No ____ Pressure to _____
Cmt. Circ. to surface _____ Sacks _____
Float Held _____ Yes _____ No _____
Shut in with _____ PSI _____

Service Supervisor WES MOBLEY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 TRIAD CENTER, SUITE 350
SALT LAKE CITY, UT 84180-1203

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Ute Tribal 10-16D

43-013-31224

Operator Coors Energy Company Address PO Box 467, Golden, CO 80402

Contractor Leon Ross Drilling & Constr.Co. Address PO Box 757, Roosevelt, Utah 84066

Location SW 1/4 SE 1/4 Sec. 16 T. 4S R. 4W County Duchesne

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	SEE REMARKS		
2.			
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops

Remarks

1/12/89 Drill 12-1/4" hole to 422', had minor wtr inflow at 100' & 200', could still mist drill OK.

NOTE: (a) Report on this form as provided for in Rule 806, Oil and Gas Conservation General Rules.

(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. I-109-IND-5351
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> P&A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe
2. NAME OF OPERATOR Coors Energy Company		7. UNIT AGREEMENT NAME -----
3. ADDRESS OF OPERATOR P0 Box 467, Golden, Colorado 80401		8. FARM OR LEASE NAME Ute Tribal
4. LOCATION OF WELL (Report location clearly and in accordance with any requirements. See also space 17 below.) At surface 2043' FEL, 818' FSL, SW/SE At proposed prod. zone same		9. WELL NO. 10-16D
10. FIELD AND POOL, OR WILDCAT Duchesne		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T4S-R4W
14. API NO. 43-013-31224	15. ELEVATIONS (Show whether DF, RT, G, etc.) 5892' GL	12. COUNTY Duchesne
		13. STATE Utah

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MAY 30 1989

DIVISION OF OIL, GAS AND MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) P&A Report

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☒

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION 4/6/89

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Plugged well according to BLM specifications on 4/6/89 as follows:

Plug #1: 6219-6019' w/61 sks. Class G cement.
 Plug #2: 4758-4558' w/81 sks. Class G cement.
 Plug #3: 2514-2314' w/122 sks. Class G cement (70' out & 100' in 8-5/8" csg.).
 Plug #4: 470-300' w/79 sks. Class G cement.
 Plug #5: 124' to surface w/37 sks. Class G cement.

Released rig at 4:00PM 4/7/89

Will rehabilitate area according to specifications.

Presently preparing to Mi rig and drill out surface cement to re-cement and stop gas leak at surface according to BLM specs.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Engineering

DATE 5-24-89

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

15

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other <u>P&A</u>						5. LEASE DESIGNATION AND SERIAL NO. I-109-IND-5351	
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe	
2. NAME OF OPERATOR Coors Energy Company						7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80401						8. FARM OR LEASE NAME Ute Tribal	
4. LOCATION OF WELL (Report location clearly and in accordance with S&P Form 100) At surface 2043' FEL, 818' FSL, SW/SE						9. WELL NO. 10-16D	
At top prod. interval reported below same At total depth same						10. FIELD AND POOL, OR WILDCAT Duchesne	
14. API NO. 43-013-3122#						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 16, T4S-R4W	
15. DATE SPUDDED 1/10/89				16. DATE T.D. REACHED 4/6/89		12. COUNTY Duchesne	
17. DATE COMPL. (Ready to prod.) 4/7/89 (Plug & Abd.)				13. STATE Utah		18. ELEVATIONS (DF, RES, RT, GR, ETC.) 5892' GL	
19. ELEV. CASINGHEAD -----		20. TOTAL DEPTH, MD & TVD 6290'		21. PLUG BACK T.D., MD & TVD surface		22. IF MULTIPLE COMPL. HOW MANY -----	
23. INTERVALS DRILLED BY 0-6290'		24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) None, P&A		25. WAS DIRECTIONAL SURVEY MADE no		26. TYPE ELECTRIC AND OTHER LOGS RUN DNL, DIL	
27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WGT., LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8-5/8"	24.00#	380'	12-1/4"	280 sks.			
29. TUBING RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SAKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						None	
31. PERFORATION RECORD (Interval, size and number) P&A				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
None							
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
None						P&A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORE.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Above named logs, Sundry P&A Report, Cement Verification							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>D.S. Sprague</u>				TITLE <u>Manager, Engineering Services</u>		DATE <u>5-24-89</u>	

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:

Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Bottom	Description, contents, etc.	GEOLOGIC MARKERS		
				Name	Meas. Depth	True Vert. Depth
Green River:						
(Upper Douglas Creek):	5115'					
"B" Lime	5592'					
Castle Peak:	6115'					
TD:	6290'					

OIL AND GAS	
DRN	RJF
JRB	GLM
DTS	SLB
1-TAS	
2-MICROFILM	✓
3-FILE	

15

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. I-109-IND-5351																					
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> P&A		6. IF INDIAN ALLOTTEE OR TRIBE NAME Ute Tribe																					
2. NAME OF OPERATOR Coors Energy Company		7. UNIT AGREEMENT NAME ----																					
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402		8. FARM OR LEASE NAME Ute Tribal																					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2043' FEL, 818' FSL, SW/SE At proposed prod. zone same		9. WELL NO. 10-16D																					
14. API NO. 43-013-31224		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5892' GL																					
16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data <table style="width: 100%;"> <tr> <th colspan="2">NOTICE OF INTENTION TO:</th> <th colspan="2">SUBSEQUENT REPORT OF:</th> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>FULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input checked="" type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	10. FIELD AND POOL, OR WILDCAT Duchesne	
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																					
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																				
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>																				
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>																				
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)																				
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____																					
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)																							

* Must be accompanied by a cement verification report.

Additional information to the original P&A report:

Plugged well according to BLM specs on 4/6/89 as follows:

Plug #1: 6219-6019' w/61 sks. Class G cement.

Plug #2: 4758-4558' w/81 sks. Class G cement.

Plug #3: 2514-2314' w/122 sks. Class G cement (70' out & 100' in 8-5/8" casing)

Plug #4: 470-300' w/79 sks. Class G cement.

Plug #5: 124' to surface w/37 sks. Class G cement.

Released rig at 4:00PM 4/7/89

7/13/89 MIRU Leon Ross rathole rig, drilled out cement from surface to 65' w/ a 7-7/8" bit inside the 8-5/8" casing, set a 8-5/8" CIBP at 63'.
Filled hole with water, waiting to cement surface.

8/28/89 Mixed approximately 40 sks. of Readi-Mix and cemented to surface.
Built and installed dry hole marker.

18. I hereby certify that the foregoing is true and correct

SIGNED

D.S. Sprague
D.S. Sprague

TITLE

Manager, Engineering

DATE

11-8-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: